Mrs. Eugene Edwards.

WELLESLEY COLLEGE

· CALENDAR ·

1900-1901.

CALENDAR

OF

WELLESLEY COLLEGE.

1900-1901.

BOSTON:
FRANK WOOD, PRINTER, 352 WASHINGTON STREET.
1900.

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Correspondence.

All inquiries regarding admission should be addressed to Miss ELLEN F. PENDLETON, Secretary of the College. Applications for the Calendar and for general information should also be addressed to Miss Pendleton.

As Secretary of the Teachers' Registry, Miss MARY CASWELL is prepared to furnish full and confidential information in regard to the qualifications, character, and experience of teachers educated at Wellesley. Former students of the College who wish situations as teachers have the aid of the Teachers' Registry.

Applications for pecuniary assistance (see p. 22) should be made by letter, addressed to the Secretary of the Students' Aid Society, Wellesley, Mass.

Inquiries about graduate study and the requirements for higher degrees may be made of the Secretary of the College.

Calendar.

The Academic Year consists of thirty-five weeks exclusive of vacations, and begins on the Wednesday following the 14th of September.

1900.

Academic year begins . . . . . Wednesday, September 19.
Examinations . . . . . September 18–21.

Recess from 12.30 P. M. Wednesday, November 28, until 12.30 P. M. Friday, November 30.

Recess from 5 P. M. Wednesday, December 19, 1900, until 8.30 A. M. Thursday, January 10, 1901.

1901.

Day of Prayer for Colleges . . . . . Thursday, January 31.
Second Semester begins . . . . . Monday, February 11.

Recess from 5 P. M. Wednesday, March 27, until 8.30 A. M. Tuesday, April 9.

COMMENCEMENT . . . . . Monday, June 24.
ALUMNÆ DAY . . . . . Tuesday, June 25.
Academic Year begins . . . . . Wednesday, September 18.
Examinations . . . . . September 17–20.

Recess from 12.30 P. M. Wednesday, November 27, until 12.30 P. M. Friday, November 29.

Recess from 5 P. M. Wednesday, December 18, 1901, until 8.30 A. M. Thursday, January 2, 1902.

1902.

Day of Prayer for Colleges . . . . . Thursday, January 30.
Second Semester begins . . . . . Monday, February 10.

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Wellesley College,

WELLESLEY, MASSACHUSETTS.

WELLESLEY COLLEGE was established in 1875 for the purpose of furnishing to young women who desire to obtain a liberal education such advantages and facilities as are enjoyed in institutions of the highest grade.

[redacted]

By the charter, granted by the Commonwealth of Massachusetts, "the corporation of Wellesley College is authorized to grant such honorary testimonials, and confer such honors, degrees and diplomas, as are granted or conferred by any University, College, or Seminary of learning in this Commonwealth; and the diplomas so granted shall entitle the possessors to the immunities and privileges allowed, by usage or statute, to the possessors of like diplomas from any University, College, or Seminary of learning in this Commonwealth."

[redacted]

The Gertrude Memorial Library, established by Mr. A. A. Sweet, the Missionary Library, and other collections in the General Library, furnish 4,3[illegible] volumes for Biblical study and religious reading.

The Library of American Linguistics, a special gift from Prof. E. N. Horsford, now numbers 1,420 works, including the valuable collection made by Major J. W. Powell.

The following collections are located in the laboratories of the departments to which they belong:—

Art Library, 1,603 volumes.

Library of Botany, 1,796 volumes.

[redacted]

The Farnsworth Art Building and the Art Collections.

The Farnsworth Art Building, the gift of the late Isaac D. Farnsworth, was opened for work in September, 1889. Besides a lecture room, galleries for collections, and studios for those engaged in drawing and painting, a special feature in the plan of the building is the arrangement of laboratories and libraries, so that the books and art material relating to particular subjects and periods can be made immediately available to general students.

The Art Collection [redacted]

Laboratories and Scientific Collections.

CHEMISTRY.

The building erected for work in Chemistry contains a large laboratory for General Chemistry, with lockers for two hundred students; separate rooms for analytical work in qualitative and quantitative branches; and a room specially arranged for making organic preparations. All of the rooms are well lighted, conveniently arranged, and thoroughly equipped with modern appliances for successful work. The building contains also a reading room, and a large lecture room admirably arranged for experimental illustrations.

GEOLOGY AND MINERALOGY.

The mineralogical specimens are arranged in three collections. One collection is exhibited in glass cases, and illustrates the variety and finer qualities of mineral specimens; also by its arrangement with labels for the groups into which it is divided, it shows the classifications of minerals, and, to some extent, their association.

Another collection is used for reference. It contains well-characterized specimens of the more common species. The specimens are labeled and arranged in drawers, and the collection is always accessible to students taking Mineralogy.

There is a third collection, which is used for teaching purposes. It comprises smaller but well-selected specimens, which are systematically arranged in small wooden trays with numbers, but without labels. During an exercise each student has one of these trays, which presents objectively the subject of the lesson.

The room containing these collections is supplied with tables equipped with appliances for testing specimens and laboratory work.

The geological collection of specimens used in teaching the kinds of rocks, rock-structures, the fossil evidences of life and their succession in past times, is so arranged in cases and labeled that it permanently illustrates these topics.

PHYSICS.

The department of Physics occupies a convenient lecture room, provided with arrangements for sunlight and lantern projection and adequate apparatus for illustrative experiments.

Laboratories for students are equipped with instruments adapted to a wide range of work. Rooms are especially fitted for photometry, photography, spectroscopic work, and electrical measurements. A work-shop is provided with lathe and tools. A steam-engine and two dynamos are connected with the laboratories.

The Whitin Observatory has been opened for students' work. A twelve inch refracting telescope with micrometer, spectroscope, and photometer attachments is already in place, also a concave grating spectroscope. The Observatory will be thoroughly equipped for laboratory work both in the astronomy of measurement and astrophysics.

BOTANY.

For the use of students in morphological, histological, and physiological work, there are three laboratories, each of which is thoroughly equipped for its special purpose. The laboratory for advanced work has also the necessary physical and chemical apparatus, and such other appliances as are requisite to enable students to carry on independent research.

The collections illustrative of Botany include: the herbarium, containing upward of six thousand phanerogams and about six thousand and five hundred cryptogams; a generic collection mounted under glass; a collection of woods, fruits, and economic vegetable products, and a set of drugs fully illustrating the pharmacopœia; two hundred charts by Henslow, Kny, Dodel, Tschirch, and others; a collection of Auzoux's botanical models, illustrating the structure of both flowering and flowerless plants.

In addition to the working collections a permanent museum is being arranged.

ZOOLOGY.

There are three laboratories for the study of Zoology and Animal Physiology. They are equipped with microscopes, microtomes, incubator, and the more special pieces of apparatus for physiological work.

The Zoology Museum contains a typical collection of both vertebrates and invertebrates, and a considerable number of models by Ziegler, Blaschka, Auzoux, and Deyrolle. There are also excellent collections of the local birds and of insects.

PSYCHOLOGY.

The work of the laboratory is carried on in seven rooms (among which are dark-room and lecture-room) with electrical connections. The equipment includes Sanford's chronograph and vernier chronoscope; a chronoscope with electrical connections upon the principle of the vernier; an electric motor; a pneumograph, tambours, and a kymograph; Lough's electrically actuated pendulum, to which is attached the time-marker, an electric pen, used with the kymograph; Zwaardemaker's clinical and fluid-mantle olfactometers, with a large collection of smell material; a color-wheel, a campimeter, a Wheatstone stereoscope; the Hering simultaneous contrast apparatus; the apparatus of Münsterberg and of Titchener for the localization of sound; tuning-forks and sonometers; a pressure-balance, æsthesiometers, graduated weights, etc.; and apparatus for special investigations. Students may have the use of models and plates of the brain, and of dissecting instruments.

MATHEMATICS.

The collection of mathematical models consists of a set of models of simple solids, surfaces of the second and higher orders, and circular sections of surfaces of the second order. They are executed in wood, thread, card and plaster.

Concerts and General Lectures.

The College provides annually addresses of special interest to the members of various departments, but open to the college at large. A course of lectures on current topics is maintained from October until May. These lectures are given by members of the Wellesley faculty, assisted by professors of other faculties and by other speakers. The Kate Howard Furness Fund has been established to provide annually a lecture or reading on a Shakespearean subject. The Monroe Fund is intended to furnish each year two lectures or readings in the interest of the department of Elocution.

Frequent recitals and concerts are given by instructors in the department of Music, by advanced students, and by distinguished musicians from Boston and elsewhere. These concerts are free, but it is expected that all who are able will contribute to the Concert Fund.

Health Provisions.

Wellesley is known as one of the most healthful towns in Massachusetts. The college grounds include more than three hundred acres, and give ample opportunity for exercise and recreation. Lake Waban affords a most attractive place for boating and skating. The health of the students is considered of primary importance. In the construction of buildings this end has constantly been kept in view. Everything possible has been done to give an abundance of light, sunshine, fresh air, and pure water. The drainage, natural and artificial, is excellent.

Two professionally trained Health Officers are in residence, one at College Hall, the other at Eliot Cottage in the village. The Health Officers, the Director of Physical Training, and the President of the College constitute a Board of Health. Full provision is made for any illness which may occur. Two hospital wards, with the constant attendance of a trained nurse, are maintained in College Hall; there is also an emergency ward in an isolated building. No charge is made for the ordinary services of health officers or resident nurse.

Freshmen are required to take a course in Physiology and Hygiene, one appointment per week for a year.

Physical Training.

Three hours per week of physical training are required in the freshman year. Each freshman receives a thorough physical examination, which includes measurements and strength tests. A second examination is made at the close of the year.

A limited number of upper-class students can be accommodated in the gymnasium.

The gymnasium is equipped with apparatus for Swedish educational gymnastics. The playstead furnishes opportunity for organized games, which are under the direction of the department. Instruction in rowing is given and instruction in riding is offered. Instruction in swimming can be obtained in a bath near Wellesley.

Residence.

Two systems of lodging are in use at Wellesley,—the cottage system and the hall system. College Hall, with three dining rooms, accommodates two hundred and seventy-three persons; Stone Hall, with four dining rooms, ninety-nine; Wilder Hall, forty-eight; Freeman Cottage, forty-seven; Wood Cottage, forty-nine; Norumbega Cottage, thirty; The Eliot, thirty-one; Simpson Cottage, twenty-one; Waban Cottage, eleven; The Fiske, thirty-four. Each building contains single rooms as well as suites for two students. All the rooms are fully furnished and supplied with electric lights or student lamps.

EXPENSES.

The charge for board and tuition to all students living in the college buildings and taking the regular college course, without music, is $400 per year. Such students will pay $250 at the opening of the College in September. Of this amount, $175 is for tuition. At the beginning of the second semester the balance ($150) is due.

Students who are not lodged in the college buildings make their entire tuition payment (see below) at the time of the opening in September. These payments must be made before the student may take her place in the class room. No exception will be made to this rule without a written permission from the Treasurer.

☞ *Checks or money orders should be made payable to Wellesley College.*

TUITION.

The charge for full tuition to all students, whether living in college buildings or not, is $175 a year.

Tuition *must always be paid in advance, and is not subject to return or deduction.*

Students who are permitted to take *seven hours or less* of class-room work per week, and *who do not live in the college buildings*, pay tuition by the course as follows: For a one-hour course, $20; a two-hour course, $40; a three-hour course, $60. Payment is due at the beginning of the year. No charge is made for tuition in courses in Biblical History.

An additional charge is made for materials in the following laboratory courses: $5 for each laboratory course in Botany, Chemistry, Zoology, or

Physics, and $2.50 for each course in Mineralogy or Advanced Geography. Every student should also reckon on the expenditure of $10 to $25 annually for the purchase of books. At the time of taking the degree a diploma fee is charged. This is $5 for the B.A. degree and $25 for the M.A. degree. At the time of taking a certificate, a certificate fee of $3 is due.

TUITION AND OTHER CHARGES IN THE DEPARTMENT OF MUSIC.

For instruction for the college year in Pianoforte, Organ, or Violin, two lessons per week	$100 00
One lesson per week	50 00
(Lessons forty-five minutes each.)	
Two half-hour lessons per week	75 00
For instruction for the college year in Vocal Music, two lessons per week	100 00
One lesson per week	50 00
Ensemble playing, class of six, each student	35 00
For use of the Pianoforte or Reed Organ, one hour daily, for the year	10 00
For two hours daily	20 00
For three hours daily	30 00
For use of the Pipe Organ in Music Hall, one hour daily, for the year	15 00
For two hours daily	30 00

All charges in music are payable in advance, and are not subject to return or deduction. Charges for instruction on instruments not mentioned will be fixed when the lessons are arranged. Tuition in music for students beginning after the opening of the college year is in proportion to the number of lessons given.

BOARD.

A student vacating a room before the close of the year will be charged for board at the rate of $7 a week until the vacancy has been filled by an incoming student. Therefore notice of an intention to withdraw should be given at the earliest possible moment. No deduction is made for absences during the year.

Application for rooms in the college buildings should be made from one and one-half to two years in advance of the time at which the student is expected to enter, or, if possible, even earlier. A fee of $10 is required for recording application, and no application is recorded until the fee is received. This fee will be credited to the student, and a corresponding deduction made on her first payment. If the student decides to withdraw, the fee will be returned provided notification of withdrawal is received thirty days before the beginning of the college year. A student who postpones entrance until the year following the one for which she first applied may transfer her application fee.

Until July 1st, but not after that date, applications from former students will take precedence of those of new students in the matter of rooms.

Board can be obtained in private families in the village for $6 per week and upward. Information regarding boarding places may be obtained by addressing the Registrar. A limited number of students can arrange for board at the College during the Christmas and spring vacations; the charge is $7 per week.

☞*No student can receive a diploma until a satisfactory settlement of all her college dues has been made.*

Scholarships, etc.

A. For Graduates.

Thirty scholarships to the value of $175 per year have been established for the benefit of approved candidates for the M.A. degree. Applications for these scholarships should be addressed to the Chairman of the Committee on Graduate Instruction, Wellesley College, Wellesley, Mass.

B. For Undergraduates.*

The Wood Memorial Scholarship, founded in 1878, by Caroline A. Wood, in memory of her husband.

The Grover Scholarship, founded in 1878, by William O. Grover.

The Weston Scholarship, founded in 1878, by David M. Weston.

The Northfield Seminary Scholarship, founded in 1878.

The Pauline A. Durant Scholarship, founded in 1880, by Mr. and Mrs. Durant.

The Sweatman Scholarship, founded in 1880, by V. C. Sweatman.

The Walter Baker Memorial Scholarship, founded in 1880, by Eleanor J. W. Baker; raised to $7,000 by will of Mrs. Baker in 1892.

The Annie M. Wood Scholarship, founded in 1880, by Frank Wood.

Two Frost Scholarships, founded in 1880, by Rufus S. Frost, as follows:—

One of $1,000, the income to be given annually to some member of the graduating class designated by the Faculty.

One of $5,000, the income to be devoted annually to the aid of students.

The Union Church Scholarship, founded in 1880, by Mr. and Mrs. A. W. Stetson.

The Florence N. Brown Memorial Scholarship, founded in 1880, by Mr. and Mrs. Samuel N. Brown, Jr.

The Augustus R. Clark Memorial Scholarship, founded in 1880, by Mr. and Mrs. A. N. Clark.

Four Harriet Fowle Scholarships, founded in 1881, by Henry Fowle Durant, in memory of his mother.

* Unless otherwise stated these scholarships are for $5,000 each.

VII. BIBLICAL HISTORY, LITERATURE AND INTERPRETATION.

I. Hebrew.

†1. Elementary Hebrew. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Breyfogle.

An inductive study of the elements of Hebrew and principles of syntax in connection with the text of the first eight chapters of Genesis. Word lists translation from the book of Ruth and other selected passages. Harper's Introductory

and to juniors by permission of the instructor. Three hours per week for the second semester.

Associate Professor Edwards.

†3. Comparative Grammar of Greek and Latin. *Open to seniors, and to juniors by permission of the instructor. Three hours per week for the second semester.*

Associate Professor Edwards.

Historical treatment of the sounds and inflections of Greek and Latin in relation to other Indo-European languages.

The Durant Memorial Scholarship, founded in 1883, by the officers and students of Wellesley College, in honor of Henry F. Durant, the income to be appropriated annually to some student selected by the Faculty.

The Jane Topliff Memorial Scholarship of $6,000, founded in 1883, by Mrs. William S. Houghton, in memory of her mother.

The income of a fund of $25,000, known as the "Stone Educational Fund," founded in 1884, by Valeria G. Stone.

The Jeannie L. White Scholarship, founded in 1886, by herself.

The Mr. and Mrs. Solomon F. Smith Memorial Scholarship, founded in 1888, by George Smith, for the tuition of students from the town of Wellesley.

The Margaret McClurg Cowan Fund, of $1,000, founded in 1888 by Rev. and Mrs. P. D. Cowan, in memory of their daughter.

The Emmelar Scholarship, founded in 1889, by the Class of '91, the income to be appropriated annually to some student selected by the Faculty.

The Sarah J. Houghton Scholarship, of $6,000, founded in 1889, by William S. Houghton, in memory of his wife.

By provision of E. A. Goodnow, in 1885, the sum of $250 is annually divided among five deserving students.

The Edith Baker Memorial Scholarship, of $7,000, founded by bequest of Eleanor J. W. Baker, in 1892.

The Joseph N. Fiske Memorial Scholarship, of $8,000, founded in 1892, by Mrs. J. N. Fiske.

The Abbie A. Coburn Memorial Scholarship, of $2,000, founded in 1892

The Eliza C. Jewett Scholarship, of $6,000, founded in 1894; the income to be appropriated to the daughter of a clergyman, or of a home or foreign missionary, selected by the Faculty of the College.

The Ada L. Howard Scholarship, of $6,000, founded in 1895.

The Helen Day Gould Scholarship, of $7,000, founded in 1896, by Helen Miller Gould, in memory of her mother.

The Goodwin Scholarship, founded in 1897, by Hannah B. Goodwin.

The Hyde Scholarship, of $2,000, founded in 1898, by Sarah B. Hyde.

The Bill Scholarship, of $7,000, founded in 1898, by Charles Bill.

The Holbrook Scholarship, of $3,000, founded in 1898, by Sarah J. Holbrook.

The (second) Helen Day Gould Scholarship, of $7,000, founded in 1899, by Helen Miller Gould.

The Alice Freeman Palmer Scholarship, founded in 1899, by Mrs. David P. Kimball.

The Mary Elizabeth Gere Scholarship, founded in 1899, by Mary Elizabeth Gere.

As its means allow, the Students' Aid Society also affords help to those who cannot from their own resources meet the entire expense of the college course. In many cases money is loaned to students without interest, in the expectation that whenever they are able they will repay the Society; assistance is often given partly in gifts and partly in loans.

The funds at the disposal of the Society are wholly insufficient to meet the wants of applicants. Contributions of any amount will be gladly received, and should be sent to the Treasurer of the Society, Mrs. Pauline A. Durant, Wellesley, Mass. All applications for assistance must be made by letter addressed to the Secretary of the Students' Aid Society, Wellesley, Mass., before the first of May preceding the college year for which the aid is needed.

In two cottages a reduction of $100 is allowed on payment for board, under certain conditions.

ADMISSION.

Admission to the Freshman Class.

Students are admitted either by examination (see pages 23 and 24) or by certificate (see pages 24 and 25).

Every candidate for a degree must offer for admission to the freshman class the following subjects: English, History, Algebra, Plane Geometry, Latin, *and in addition the maximum requirement in a second language* (which may be either Greek, or French, or German), *together with the minimum requirement in a third language or in one of the following sciences:* Chemistry, Physics, Zoology. For full details regarding requirements in these subjects see pages 25 to 31.

The subjects prescribed for admission are divided into three groups, A, B, C, as follows:—

Group A. Rhetoric, History, Plane Geometry, Cæsar, Vergil and Prosody, Cicero, Anabasis, Greek Grammar, Iliad, German (reading, poetry, and technical grammar of maximum requirement), and French (reading, poetry, and technical grammar of maximum requirement).

Group B. Chemistry, Physics, and Zoology.

Group C. English Literature and Composition, Latin Prose Composition, Greek Prose Composition, French Prose Composition and Conversation of maximum requirement, German Prose Composition and Conversation of maximum requirement, Greek, French, and German minimum requirements, and Algebra.

Final examinations in subjects of Group A may be taken at any time before entering college. Final examinations in subjects of *Group B* must be taken not earlier than *fifteen months before entrance* in September. Final examinations in subjects of *Group C* must be taken *not earlier than during the school year immediately preceding admission to college.*

☞ The above applies to final examinations held by principals of schools preliminary to granting certificates, as well as to the College admission examinations.

Candidates will not be admitted if conditioned in two, or heavily conditioned in one of the following subjects: Latin, Greek, French, German, Mathematics, Chemistry, Physics, Zoology.

A candidate for admission must be at least sixteen years of age, and must present satisfactory evidence of good moral character and good health. A blank form for the certificate of health will be sent in July to all registered applicants for admission.

The student who has met all admission requirements is qualified for immediate matriculation for the Baccalaureate degree in Arts.

All communications concerning admission should be addressed to the Secretary of Wellesley College, Wellesley, Mass.

ADMISSION ON EXAMINATION.

Examinations for admission are offered at the College in June and September of each year. Such examinations may be appointed in June in any city where they are desired by two or more candidates. Applications for these local examinations should be made *before April 1st* to the Secretary of the College. Examinations are held in September *in Wellesley only.*

Schedule of Examinations for Admission.

JUNE AND SEPTEMBER, 1901.

TUESDAY, JUNE 11 AND SEPTEMBER 17.

8.30–10.00 A.M.	Greek Grammar.
10.15–11.45	Greek Prose Composition.
9.00–11.45	German (maximum).
2.00– 3.00 P.M.	Anabasis.
3.00– 4.30	Iliad.
2.00– 4.45	French (maximum.)

WEDNESDAY, JUNE 12 AND SEPTEMBER 18.

8.30–10.30 A.M.	Algebra.
10.45–12.30	Plane Geometry.
1.30– 3.15 P.M.	Chemistry, Physics, Zoology.
3.30– 5.30	History (Grecian, Roman, English, American).

THURSDAY, JUNE 13 AND SEPTEMBER 19.

8.30–10.00 A.M.	Cicero.
10.15–11.45	Latin Prose Composition.
2.00– 3.00 P.M.	Cæsar.
3.00– 4.30	Vergil.

(Continued on next page.)

FRIDAY, JUNE 14 AND SEPTEMBER 20.

8.30– 9.30 A.M.	Rhetoric.
9.30–12.30	English Composition and Literature.
2.00– 4.30 P.M.	French (minimum).
"	German (minimum).
"	Greek (minimum).

Admission on Certificate.

Any school whose equipment and curriculum enable it to prepare students for the freshman class, upon complying with the regulations stated below, may receive the right to give a certificate of scholarship which shall exempt the candidate from college examinations for admission in the subjects satisfactorily covered by the certificate.

RIGHT OF CERTIFICATION.

1. If a school has not the right of certification and the principal wishes to obtain this privilege, he should apply to the Secretary of the College between October first and April first of any year. In response to this application a blank form will be sent, which the principal is requested to fill out and return, sending with it a catalogue or circular of the school.

During the interval between April first and October first applications for the right of certification will not be considered by the Board of Examiners.

2. The school is considered to be on probation during the first year of the first candidate. The right of certification may be withdrawn at any time from any school which fails to give complete and satisfactory preparation.

CERTIFICATE OF SCHOLARSHIP.

1. The principal of the preparatory school must present, upon a blank form furnished by the College, a certificate of scholarship for each candidate.

2. All certificates must be forwarded in time to be received at the College *by July 1st*, unless special arrangements have been made with the Board of Examiners. On or before August 1st each candidate will be informed of the decision with regard to her certificate.

3. All certificates must show distinctly that the candidate has met in detail the requirements as published in the current Calendar. Whenever any variation has been allowed, the work done must be specifically stated and offered as an equivalent, to be accepted or refused. *Attention is called to the division of the admission subjects into Groups A, B, C, and to the time limit set on final examinations in the subjects of Groups B and C, stated on page* 22.

4. All certificates must be signed by the principal of the school, and countersigned by the assistants who have instructed the candidate.

5. Supplementary certificates will not be accepted. All work completed after July 1st must be tested by examination at the College in September.

6. The candidate who has received the certificate of a principal will not be exempt from the examinations for admission in any particular subject, unless her certificate shows that she has satisfactorily accomplished the full amount of work required in that subject. Any student whose certificate is found on July 1st to be seriously deficient may be refused the privilege of taking examination the following September.

Requirements for admission, with details regarding them, are as follows :—

A. Prescribed Subjects (see page 22).

1. English.

Rhetoric.—Choice of Words, Construction of Sentences and of Paragraphs, Outlines of Themes.

Text-books recommended: Scott and Denney's Composition-Rhetoric; Lewis's First Book in Writing English; J. F. Genung's Outlines of Rhetoric; A. S. Hill's Foundations of Rhetoric, and as companion book, Huber Gray Buehler's Practical Exercises in English; W. G. Mead's Elementary Composition and Rhetoric. The first half of Genung's Practical Elements of Rhetoric will be accepted.

Composition.—The subjects for the examination in Composition will be taken from the English Literature required for the year. The form of the examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a number set before her in the examination paper in English Literature. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of the whole or a part of this test, the candidate may be allowed to present an exercise book, properly certified by the instructor, containing compositions or other written work done in connection with the reading of the books.

To meet the requirement in composition, the student should have practice in writing equivalent to fortnightly themes during the first two years and weekly themes during the last two years of the preparatory course. No applicant will be accepted in English whose work is notably defective in point of spelling, grammar, idiom, punctuation, or division into paragraphs.

Literature.—The Wellesley requirement is that adopted by the Commission of New England Colleges.

A. Reading.

Certain books are set for reading. The candidate is required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors.

The books set for this part of the examination are:

In 1901 and 1902: Shakespeare's *Merchant of Venice;* Pope's *Iliad* Books I., VI., XXII., and XXIV.; the *Sir Roger de Coverley Papers;* Goldsmith's *Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Scott's *Ivanhoe;* Cooper's *Last of the Mohicans;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal;* George Eliot's *Silas Marner.*

In 1903, 1904, and 1905: Shakespeare's *The Merchant of Venice* and *Julius Cæsar; The Sir Roger de Coverley Papers* in The Spectator; Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* Scott's *Ivanhoe;* Carlyle's *Essay on Burns;* Tennyson's *The Princess;* Lowell's *The Vision of Sir Launfal;* George Eliot's *Silas Marner.*

B. Study and Practice.

This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, form, and structure.

The books set for this part of the examination are:

In 1901 and 1902: Shakespeare's *Macbeth;* Milton's *Lycidas, Comus, L'Allegro,* and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

In 1903, 1904, and 1905: Shakespeare's *Macbeth;* Milton's *Lycidas, Comus, L'Allegro,* and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

2. History.

A full year course with at least three recitations per week in one of the following subjects:—

The History of Greece to the death of Alexander, with due reference to Greek life, literature, and art.

The History of Rome, the Republic and Empire to the accession of Commodus.

English History, with due regard to social and political development.

American History, with the elements of Civil Government.

In the subject chosen, the student should acquire accurate knowledge of the history as presented in a standard text-book of not less than 300 pages, and should read such fuller authorities as may be available, in amount not less than 500 pages. Some practice in drawing maps to illustrate territorial changes, in making digests of lectures and reading, and in preparing verbal or written reports on subjects assigned for individual investigation is essential to successful work.

Students presenting themselves for examination are expected to bring note-books, maps, and essays, that may serve as supplementary evidence of the character of their preparation.

3. Mathematics.

Algebra.—Factors, Common Divisors and Multiples, Ratio and Proportion, Theory of Exponents, Radicals and Equations involving Radicals, Inequalities, Quadratic Equations (including the theory), Imaginary Quantities, Binomial Theorem, Arithmetic and Geometric Progressions.

Plane Geometry.—As found in Chauvenet, or its equivalent.

Deficiency in preparation usually results from one or more of the following causes: the use of text-books which are too elementary, insufficient length of time spent in preparation, neglect of exercises in original demonstration in Geometry, and of reviews in both Algebra and Geometry. One and one-third years, with daily recitations, is the minimum time in which satisfactory preparation can be made in Algebra, and one year with daily recitations is the minimum in Geometry. It is strongly urged that there be constant exercise in original demonstration in Geometry, with frequent written examinations in both Algebra and Geometry, the problems proposed being drawn from other sources than the text-books.

4. Latin.

Grammar, including Prosody.

The study of the rules of Prosody should be accompanied by such exercises in transposition of Latin verses as will make the rules familiar.

Prose Composition.

One of the standard text-books in this subject should be completed, and additional practice given in the writing of connected passages.

Cæsar, Gallic War, four books.

Cicero, seven orations, or six if the Manilian Law be one.

Vergil, Æneid, six books.

Equivalents will be accepted, especially if they are in the line of the requirements of the New England Commission of Colleges; but verse will not be taken in place of prose, nor anything instead of the required translation of English into Latin. Constant practice in reading at sight is urged. The admission examinations and the conduct of the work in College assume such training.

B. Optional Subjects (see page 22).

5. Greek.

MAXIMUM REQUIREMENT IN GREEK.

Grammar. *The etymology must be thoroughly mastered.*

Prose Composition. At least forty written exercises based upon the Greek of Xenophon, including connected passages and accompanied by a systematic study of the main principles of syntax.

Xenophon, Anabasis, three books.

Homer, Iliad, three books; with scansion.

Candidates must be prepared to translate at sight both Attic and Homeric Greek of average difficulty, and to write in Greek a connected passage based upon Xenophon.

Particular attention should be given to the correct writing of Greek with the accents, to exercises both oral and written, and to the use of the blackboard for constant practice upon forms and constructions.

The teachers of language in the preparatory schools are urged to insist upon the use of simple and idiomatic English in translation.

Ability to read at sight either easy French or German prose is strongly recommended to all classical students.

MINIMUM REQUIREMENT IN GREEK.

Systematic study of etymology from Goodwin's, or Hadley and Allen's, Grammar, in connection with a book of First Lessons. Anabasis, about thirty pages. Practice in writing Greek.

This work requires at least one year, with five recitations per week. This preparation admits the student to course 14 in College, and these two courses complete the preparation for course 1 (see page 36).

6. French.

MAXIMUM REQUIREMENT IN FRENCH.

To meet the requirement in French the candidate must be prepared in the following :—

(1) Grammar: a knowledge of the etymology and the essential principles of syntax, especially the use of moods and tenses.

(2) Composition: familiarity with the commoner idioms, and ability to translate connected passages of easy English into French at sight.

(3) Reading: not less than five hundred duodecimo pages of classical and contemporary prose and verse from at least four standard authors.

(4) Conversation: ability to follow a recitation conducted in French, to answer questions in that language, and to repeat some short selections from French prose and poetry.

These results can be best attained by the use of the books indicated for College Courses 1 and 2, or their equivalents (see page 44 of present Calendar).

The preparation for the maximum requirement in French should cover a period of at least two years, five recitations per week.

MINIMUM REQUIREMENT IN FRENCH.

As the minimum requirement a student may offer either *A* or *B* :—

A. The first year of the maximum requirement, viz. :—

(1) Grammar: including the conjugation of the regular and the more usual irregular verbs.

(2) Composition: translation into French of connected passages of simple English.

(3) Reading: at least two hundred duodecimo pages from at least three different authors. Not more than one half of this should be from works of fiction.

(4) Conversation: Ability to answer in French questions on simple subjects and to repeat short selections from choice French poetry. French should be the language of the class room.

B. (1) Grammar as for minimum A.

(2) The ability to read easy prose at sight.

The student should translate, with careful attention to the grammar, at least three hundred pages from such works as La Prise de la Bastile, by Michelet; La Mare au Diable, by George Sand; La Chute, by Victor Hugo; or the prose of such authors as Souvestre, Daudet, and About. The selections should be made from at least four different authors.

Students meeting minimum requirement *B* may be admitted to course 16, but not to course 2 without additional preparation. The preparation for the minimum requirement in French should cover a period of at least one year, five recitations per week.

7. German.

MAXIMUM REQUIREMENT IN GERMAN.

To meet the maximum requirement in German the candidate must have:—

(1) A distinct German pronunciation, which may be acquired at the outset by a course in phonetics.

(2) A knowledge of the important rules of elementary grammar, which the student should be able to state in German, and to illustrate by original examples.

(3) Ability to understand spoken German, an easy lecture or novel, which will be acquired if German is made the language of the class room.

(4) Fluency in conversation upon simple topics, and knowledge of German idioms, which are gained by object lessons according to Pestalozzi's Anschauungs Method, and by constant speaking exercises.

(5) Ability to understand and recite some short specimens of choice lyric poetry.

(6) Ability to translate easy German at sight.

(7) Ability to translate easy English into German, to write simple compositions, and to use the German script.

These results can be obtained by the following course, or its equivalents:—

Grammar: Deutsche Sprachlehre, by Wenckebach.

Prose composition: German Composition, by Wenckebach, pp. 1–109 and pp. 165–210.

Reading: Deutsches Lesebuch, by Wenckebach, pp. 1–126 and 167–247, studied according to the directions given in the preface. An easy story for practice in sight reading (*e. g.*, Meissner's Aus meiner Welt), a drama (*e. g.*, Lessing's Minna von Barnhelm), and Goethe's Dichtung und Wahrheit, three books.

Conversation: Deutscher Anschauungs-Unterricht, by Wenckebach, pp. 1–52. 78–82, 91–117, 128–161. Idioms, pp. 315–332 (see preface).

Poetry: Die Schönsten Deutschen Lieder, compiled by Wenckebach; the first five "Volkslieder," and numbers 2, 3, 8, 10, 14, 15, 18, 19, 20, 21, 22, 23, 26, 28, 30, 32, 33, 34, 37, 40, 42, 45, 46, 47, 50, 51, 52, 59, 60, 61, 62, 63, committed to memory.

The preparation for the maximum requirement in German should cover a period of at least two years, five recitations per week.

MINIMUM REQUIREMENT IN GERMAN.

As the minimum requirement, a student may offer either *A* or *B*.

A. The first year of the maximum requirement, namely:—

(1) Deutsche Sprachlehre, pp. 1–150; German Composition, pp. 1–55; (2) Reading: Deutsches Lesebuch, pp. 1–125 and 167–247. Poetry committed to memory, pp. 220–224 in the Lesebuch; (3) Speaking exercises; Deutscher Anschauungs-Unterricht, pp. 1–36. Idioms, pp. 315–319.

B. The ability to read easy prose at sight.

The student should translate, with attention to the grammar, at least two hundred pages of such German texts as Andersen's Bilderbuch ohne Bilder, Fouqué's Undine, Chamisso's Peter Schlemihl.

The preparation for the minimum requirement in German requires at least one year, five recitations per week, and should not be crowded into a shorter time.

Equivalents will be accepted; but reading will not be taken in place of grammar, nor poetry for conversation, etc.

Science (see page 22).

8. Physics: the Harvard requirement in Physics; or, the equivalent of the courses outlined in the Report of the Committee on Secondary School Studies, pp. 117–127 (National Educational Association, 1892).

9. Chemistry: Remsen's Introduction to the Study of Chemistry, Briefer Course; or, the course outlined in the Report of the Committee on Secondary School Studies, pp. 127–137.

10. Zoology: Colton's Practical Zoology, except those parts which involve the use of the compound microscope. The student must be able to recognize the animals, and to make the dissections described in that book. It is suggested that the work be done from the biological standpoint, and the use of Jordan and Kellogg's Animal Life as supplementary reading is warmly recommended.

The preparation in these sciences should cover at least one year, five recitations per week. In all the science courses notebooks of laboratory work, certified by the teacher, are to be presented in addition to examination, or certificate of examination, upon the text.

Admission to Advanced Standing.

Candidates for advanced standing must fulfill the requirements for admission to the freshman class, and must also be prepared to be examined in the required studies previously pursued by the class which they wish to join, and in a sufficient number of electives to give full standing with that class.

Such candidates, if they come from other colleges, may present certificates of college work; but it should be clearly understood that they are not thereby necessarily relieved from examinations.

Each candidate should apply for a statement of the credentials which she will need to present.

Candidates for advanced standing whose applications are filed *before July 1st* of the year in which they propose to enter and whose credentials admit them *to sophomore or higher rank,* will take precedence of candidates for the freshman class in the assignment of rooms.

All correspondence should be addressed to the Secretary of the College.

Admission of Students not Candidates for a Degree.

Opportunities for special study are offered to students who are not candidates for a degree, but are qualified to undertake college work.

Applicants who give satisfactory evidence of ability to pursue advanced courses of study may be admitted at the discretion of the Board of Examiners, provided that they satisfy the requirements of the departments which they propose to enter. It will be noted that opportunities of prosecuting work along special lines are thus open to persons of experience and success in teaching who possess the requisite qualifications for admission to college classes.

Applicants of less maturity and acquirement are not ordinarily admitted, but if such desire admission they must expect to meet, by examination or by certificate from an accredited school, the requirements prescribed for admission to the Freshman Class, or a full equivalent for them, and must satisfy such additional requirements as are prescribed by the departments which they propose to enter.

All courses, graduate as well as undergraduate, are open to special students, subject to the conditions stated by the various departments; but every such student is expected to choose a primary subject to which she should devote the greater part of her time. A student who creditably completes a prescribed group of courses in two or more departments will be granted a certificate of scholarship.

As the capacity of dormitories is not sufficient for candidates for degrees, special students cannot be lodged in the college buildings. Comfortable homes may be found in the village at about the same expense as in college dormitories.

Application for admission as a special student, with all required certificates, should be sent to the College before the first of July, if possible. All correspondence should be addressed to the Secretary of the College.

College Examinations.

An examination period occurs at the end of each semester. At these periods, and also during the days of the admission examinations in September, examinations for the removal of conditions and deficiencies and for advanced standing may be taken.

A student desiring to remove a condition at either of the semester examination periods may be admitted to examination at either of these periods, provided she has given one week's notice to the department concerned. A student desiring to remove a condition during the days of the admission examinations in September must notify the Secretary two weeks before the date set for the first admission examination. For examination for the removal of deficiencies or for advanced standing *special arrangements must be made.*

☞ The College reserves the right to require the withdrawal of students whose scholarship is not satisfactory.

DEGREES.

The following degrees will be conferred by the Trustees upon recommendation of the Academic Council :—

Bachelor of Arts.

Master of Arts.

Requirements for the B. A. Degree.

Every candidate for the B.A. degree must complete before graduation the equivalent of fifty-nine one-hour courses,* of which a certain number are required, the rest elective.

I. REQUIRED. Courses in the following subjects are required as specified :—

Mathematics, one full course ;† Philosophy, one full course ; Physiology and Hygiene, one one-hour course ;* Biblical History, the equivalent of four one-hour courses ; English, the equivalent of four one-hour courses ; Language, one full course ; Natural Sciences, two full courses. The science courses must be in different departments. If a student offers science for admission only one full course of natural science is required in college.

* A one-hour course is a course given once a week for one year.

† A full course is a course given either three or four times a week for one year.

Of the required subjects, Mathematics must be taken in the freshman year; Physiology and Hygiene in the freshman year; Biblical History, one hour per week in the freshman and sophomore years, two hours per week in the junior year; English, one hour per week in the freshman and junior years, and two hours per week in the sophomore year. Of the natural sciences, one must be taken before the junior year, the other may be elected at any time during the course; language may be taken in any year, but either a language or a science must be taken in the freshman year. Philosophy should ordinarily be taken before the senior year.

II. Elective. All of the fifty-nine hours not indicated in the above are elective, subject only to the restriction that the equivalent of eighteen one-hour courses must be taken in one of the following ways :—

(*a*) Nine in each of two subjects, related or unrelated.

(*b*) Nine in one subject, with nine divided between two tributary subjects.

(*c*) Twelve in one subject, with six in a tributary subject.

(*d*) Twelve in one subject, with six divided between two tributary subjects.

In general, required subjects may be counted in making up these eighteen hours; but course 1 in French and course 1 in German may not be so counted.

Except by special permission, a student may not take fewer than ten or more than fifteen hours per week in any one year.

Requirements for the M.A. Degree.

GRADUATE INSTRUCTION.

Candidates for the degree of Master of Arts must be graduates of Wellesley College, or of some institution of satisfactory standing, and must give evidence of ability to carry on the work for the Master's degree.

The amount of work required of candidates for the M.A. degree consists of the equivalent of fifteen one-hour courses chosen from the courses described in the circular of Graduate Instruction. The student should choose one major subject, and not more than two minor subjects. It is advised that the minor be related to the major, though under certain restrictions one unrelated minor may be permitted. The student may, if she prefers, do all her work in one subject.

One year is the shortest time in which a candidate can complete the work required, but it must be understood that only students of ability and maturity will be able to finish it in so short a time.

The work for the degree of Master of Arts will be tested by either examination or thesis, or both. Rules regarding examinations of resident students are fully stated in the graduate circular. Non-resident students will be examined in Wellesley during some one of the regular examination periods of the year in which the degree is to be conferred.

Thirty scholarships, as described on page 20, are open to accepted candidates for the Master's degree not residing in college buildings. Candidates residing in the college buildings will pay the full charge for board and tuition, $400 per annum. Upon receiving the Master's degree a fee of twenty-five dollars will be required of each candidate.

Graduate students who have done the entire work for the M.A. degree in non-residence are accepted as candidates for the degree only when this work has been done at some institution which does not grant the M.A. degree to women, but a portion of the work may be done at any approved institution, including those which grant the M.A. to women. The diploma fee is the same for resident and for non-resident students.

Circulars containing fuller information concerning graduate work will be forwarded on application to the Secretary of the College. It is very desirable that applications for admission as graduate students be received by June 1st of the year in which the student wishes to enter.

STUDENTSHIPS GIVING OPPORTUNITY FOR STUDY ELSEWHERE THAN AT WELLESLEY.

Schools of Classical Study.

Wellesley College is a contributor to the support of the American School of Classical Studies at Athens, and the American School of Classical Studies in Rome, founded, in 1882 and 1895 respectively, by the Archæological Institute of America.

The object of these schools is to afford opportunity for the study of classical literature, art, and antiquities, to aid in original research in these subjects, and to conduct the exploration and excavation of classical sites.

The American School of Classical Studies at Athens.

The school year extends from October 1st to June 1st.

The regulations for admission are as follows: "Bachelors of Arts of co-operating colleges, and all Bachelors of Arts who have studied at one of these colleges as candidates for a higher degree, shall be admitted to membership in the School on presenting to the Committee a certificate from the classical department of the college at which they have last studied, stating that they are competent to pursue an independent course of study at Athens under the advice of the Director. Members of the school are subject to no charge for tuition."* Further information can be had by application to Professor Chapin, who represents Wellesley upon the Managing Committee of the School.

The American School of Classical Studies in Rome.

The school year extends from the fifteenth of October to the first of July.

* A few Fellowships of $600 each are awarded on competitive examination.

The regulations for admission are as follows: "Graduates in arts of American colleges and universities of good standing, and, under exceptional circumstances, other persons of marked qualifications, may be admitted as students of the School on submitting to the Chairman of the Managing Committee, or to the Director of the School, satisfactory evidence that their previous studies [redacted]

II. LATIN.

1. Cicero's Letters. Latin writing, exercises based on Cicero. Tacitus: Germania and Agricola, Capes' Early Empire. Selections from Horace. *Open to students who have met admission requirements. Four hours per week for a year.*

   Dr. Walton, Miss Fletcher.

2. Horace: Odes and Epodes. *Open to students who have completed course* 1. *Three hours per week for the first semester.*

   Associate Professor Hawes, Dr. Walton.

3. Epistles of Horace. Pliny's Letters. *Open to students who have completed course* 1. *Three hours per week for the second semester.*

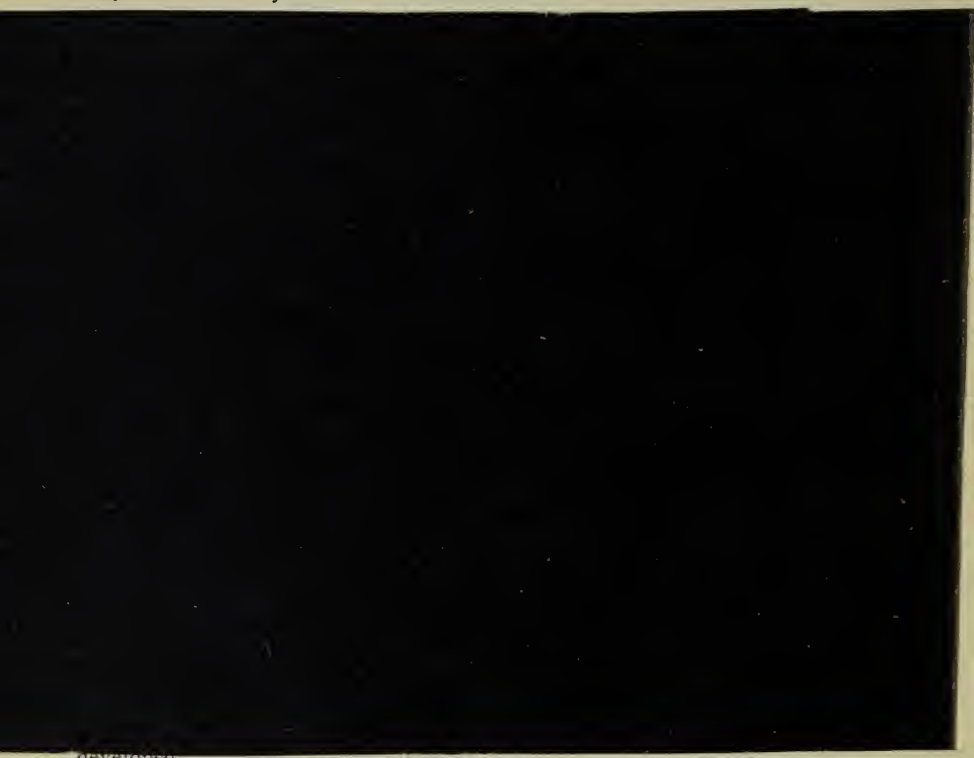
   Associate Professor Hawes, Dr. Walton.

* Not offered in 1900–1901,

† Withdrawn for the current year.

COURSES OF INSTRUCTION.

The following Courses of Instruction are offered by the several departments, those from which undergraduates are excluded being marked with brackets. The College reserves the right to withdraw the offer of any elective study not chosen by at least six students.



developed.

‡15. Topography of Rome. Epigraphy. Lectures and discussions. *Open to students who have completed two full courses. Three hours per week for a year.*

Dr. Walton.

First semester: Architectural History and Topography of Ancient Rome. Studies in Pompeii. Second semester: Latin Epigraphy. Egbert's Latin Inscriptions will be used as a text-book.

‡14. History and Literature of the Early Empire. Readings chiefly from Tacitus, Suetonius, Seneca, Quintilian, Martial. *Open to students who have completed two full courses. Two hours per week for a year.*

Associate Professor Hawes.

*Not offered in 1900–1901.

‡Courses 9 and 14 are not given in the same year. Course 15 and Archæology 3 and 4 will not be given in the same year.

16. Private life of the Romans. Lectures and readings. *Open to students who have completed two full courses. One hour per week for a year.*

Associate Professor Hawes.

*‡9. Latin Poetry, especially Lyric, Idyllic and Elegiac. Readings from Catullus, Horace, Vergil, Tibullus, Propertius, Ovid, Martial, and some of the later poets. *Open to students who have completed three full courses. Three hours per week for a year.*

Associate Professor Hawes.

For course in Latin Grammar see Comparative Philology.

Classical Archæology.

1. Introduction to Greek Archæology. *Open to juniors and seniors who have completed one full course in Greek. Two hours per week for the first semester.*

Dr. Walton.

Remains of Mycenean civilization; introductory study of Greek vases, coins, terra cottas, and small bronzes.

2. Introduction to Roman and Etruscan Archæology. *Open to juniors and seniors who have completed course 1, or one full course in Latin. Two hours per week for the second semester.*

Dr. Walton.

Minor monuments of Romans and Etruscans, as sculpture, paintings, bronzes, coins, and gems.

†‡3. Topography of Greek sites with special reference to Athens. *Open to students who have completed three full courses in Greek. Three hours per week for the first semester.*

Dr. Walton.

The work will be based upon the text of Pausanias, in which there will be practice in rapid reading, beside close study of architectural history based on certain portions.

†‡4. History of Greek Ceramics. *Open to seniors who have completed course 1 or 3. Three hours per week for the second semester.*

Dr. Walton.

So far as possible, the work will be illustrated by the vase collection in the Boston Museum of Fine Arts.

*5. Greek Mythology illustrated in Art. *Open to students who have completed two full courses in Greek, and to others upon consultation. One hour per week for a year.*

Dr. Walton.

*Not offered in 1900–1901.

† Withdrawn for the current year.

‡Latin 9 and 14 are not given in the same year. Archæology 3 and 4 and Latin 15 are not given in the same year.

First semester: Olympic deities; Greek stories of Cosmogony; minor mythological figures. Second semester: Stories of the heroic age; legends of Troy, Thebes, and of the Atreidae, including Iphigenia and Orestes.

The legends will be traced from their literary sources, and amply illustrated from reliefs, statuary, coins, and vase paintings.

III. GERMAN.

1. Elementary Course. Grammar, prose composition, reading, conversation, memorizing of poetry. *Freshmen four hours, all other students three hours per week for a year.*

Associate Professor Müller, Miss Mitzlaff, Miss Reuther.

2. Elementary Course. Topics as in course 1. *Freshmen four hours, all other students three hours per week for a year.*

Miss Mitzlaff, Miss Reuther.

Wenckebach's German text-books, Deutsche Sprachlehre, Lesebuch, Anschauungs-Unterricht, Die Schönsten Deutschen Lieder, and German Prose Composition are used in the above courses. Meissner's Aus meiner Welt, Dahn's Ein Kampf um Rom and Scheffel's Trompeter von Säkkingen are read and translated. The aim of courses 1 and 2 is to give the student a knowledge of elementary German grammar in the German language, ability to understand with ease spoken German, to converse upon simple topics, and to translate easy German into English, and *vice versa*. Special attention is paid to the writing in German of the summaries of the topics read and discussed in the class, to the memorizing of choice lyric poetry, to the acquirement of a correct German pronunciation, and to the writing of the German script.

†3. Scientific German. *Open to all students who have completed one or two full courses. Freshmen four hours, all other students three hours per week for a year.*

Miss Mitzlaff.

The object of this course is to give the student, through the medium of translation, such a knowledge of German as shall be useful in the study of the natural sciences.

4. Intermediate Course. *Open to all students who have completed the minimum B admission requirement in German. Freshmen four hours, all other students three hours per week for a year.*

Miss Mitzlaff, Miss Reuther.

This course is intended to fit students to enter courses 5, 6, 7. It is especially arranged for students who have no conversational knowledge of German.

5. Grammar and Composition (Intermediate Course). *One hour per week for a year.*

Miss Mitzlaff, Miss Reuther.

Review of elementary grammar and study of more advanced grammar. Constant practice in prose composition and letter writing.

† Withdrawn for the current year.

6. Schiller (Elementary Course). *Freshmen two hours, all other students one hour per week for a year.*

Associate Professor Müller, Miss Mitzlaff, Miss Reuther.

The course includes lectures, reading, translations, and the memorizing of poetry. Schiller's life, with his early dramas, is made the basis of easy lectures and discussions in German, so that the student may become accustomed to follow an uninterrupted train of thought and learn to think connectedly in a foreign language.

7. Translation and Conversation (Intermediate Course). *One hour per week for a year.*

Associate Professor Müller, Miss Mitzlaff, Miss Reuther.

The chapters on "A History of the German Language," in Wenckebach's Lesebuch, are translated into English, and made the subject of oral discussions in German. Text read, translated, and discussed: Scheffel's Ekkehard.

†22. Schiller's Wallenstein and select poems. *Open to all students (except freshmen) who have completed course 2. One hour per week for a year.*

Associate Professor Müller.

8. Grammar and Composition. *One hour per week for a year.*

Professor Wenckebach, Miss Mitzlaff.

†9. Advanced Course in German Composition. *Open to students who have completed course 8. One hour per week for a year.*

Professor Wenckebach.

Subjects for discussions, for papers and lectures by the students: The political and social life of the Germans in the nineteenth century.

*10. Historical Prose. Translation of selected historical works into English. *Open to all students who have completed one or two full courses. One hour per week for a year.*

Miss Mitzlaff.

11. Goethe's Life and Works. *One hour per week for a year.*

Associate Professor Müller.

Lectures, discussions, short papers. Study of the principal characteristics of Goethe's life and works up to the time of his literary coöperation with Schiller. Works read and discussed: Dichtung und Wahrheit (selections), Götz von Berlichingen, Iphigenie, Hermann und Dorothea, Poems, etc.

12. Germanic Mythology and Wölsungensaga. *One hour per week for a year.*

Professor Wenckebach.

The course consists of lectures, recitations, and reading. The main facts of Germanic Mythology and Sagas, as found in the Edda, Grimm's Deutsche Mythologie, Dahn's Walhall and Raszmann's Die Deutsche Heldensage, are treated. A knowledge of these myths and sagas furnishes a valuable basis for the understanding of the Old and Middle High German literature.

13. The German Novel. *One hour per week for a year.*

Associate Professor Müller.

*Not offered in 1900–1901.

† Withdrawn for the current year.

Lectures, reading, discussion, essays. Presentation of the historical development of the German novel, in lectures. Special study of one of the representative novels by Goethe, Jean Paul, Freytag, Keller, Heyse, Storm, Sudermann, etc.

14. Theory of the Drama, illustrated by the dramas of Schiller, Goethe, and Shakespeare. *One hour per week for a year.*

Professor Wenckebach.

Lectures, discussions, reading. Treatment of the historical development of dramatic poetry. Study of the structure of the drama according to Freytag's Technik des Dramas. Analysis of Shakespeare's Romeo and Juliet, King Lear, Macbeth, and Hamlet, and of Schiller's Die Räuber, Don Carlos, Maria Stuart, Die Jungfrau von Orleans, and Goethe's Iphigenie. Reference books: Carrière's Die Poesie; Kleinpaul's Poetik.

15. History of German Literature to 1100. History of the German Language. *One hour per week for a year.*

Professor Wenckebach.

The course consists of lectures, discussions, reading, memorizing of poetry. The aim of the lectures is to trace the parallel development of the language, literature, social conditions, and religious ideals of the times. The works read and discussed are: the Merseburger Zaubersprüche, the Hildebrandslied, the Wessobrunner Gebet, Muspilli, Selections from the Heliand, Otfried's Krist, Roswitha's dramas, the Waltharilied, etc., according to Wenckebach's Deutsche Literaturgeschichte and Musterstücke, Scherer's Geschichte der deutschen Literatur, Freytag's Bilder aus der deutschen Vergangenheit, Könnecke's Bilderatlas.

†16. History of German Literature from 1100–1624. *One hour per week for a year.*

Professor Wenckebach.

The course consists of lectures, discussions, reading, memorizing of poetry. The method, aim, and reference books are the same as in the preceding course. Chief topics: the Nibelungenlied, the Gudrunlied, the works of Wolfram, Gottfried, Hartmann, the Minnesingers and Meistersingers, Luther, Brant, Hans Sachs, and the Volkslied. The reading will consist of representative specimens of German mediæval prose and poetry as found in Wenckebach's Meisterwerke des Mittelalters.

*17. Middle-High German. *Open to students who have completed at least courses 5, 6, 7. One hour per week for a year.*

Associate Professor Müller.

Survey of Middle-High German forms and sounds. Translation of Middle-High German epic and lyric poetry into the modern idiom.

18. Nineteenth Century Authors. *One hour per week for a year.*

Associate Professor Müller.

Lectures, discussions, and readings. Study of the more important authors of the nineteenth century in connection with the history of German civilization, Works read: Kleist's, Grillparzer's, and Gutzkow's chief dramas, the poems of Platen.

* Not offered in 1900–1901.
† Withdrawn for the current year.

Chamisso, Uhland, Rückert, Lenau, Heine, Freiligrath, Geibel, Hamerling. Reference books: the histories of literature by Kurz, Salomon, Schröer, Gottschall, König.

*19. Lessing as Dramatist and Critic. *One hour per week for a year.*

Professor Wenckebach.

Lectures, discussions, reading, essays. Treatment of Lessing's critical work in literature, theology and æsthetics. Works read and discussed are: Minna von Barnhelm, Emilia Galotti, Nathan der Weise, the Hamburger Dramaturgie, Laokoön, Erziehung des Menschengeschlechts, Axiomata, Anti-Götze. Reference books: Erich Schmidt's Lessing, Kuno Fischer's Lessing als Reformator der deutschen Literatur, Kuno Fischer, Lessing's Nathan, Baumgart, Handbuch der Poetik.

*20. Schiller as Philosopher and Writer on Æsthetics. *One hour per week for a year.*

Associate Professor Müller.

Study of Schiller through his correspondence with Körner, Goethe, etc., and his philosophic-æsthetic poems and essays. These are read and discussed in class.

21. Goethe's Faust, Parts I. and II. *Two hours per week for a year.*

Professor Wenckebach.

Lectures, discussions, essays. Extensive study of Goethe's Faust (Thomas's and Schröer's editions). Reading of selections from commentators. Contrasting of the Volksbuch von Dr. Faust with Marlowe's Faustus and the Faust-Puppenspiel. Study of the genesis of Goethe's Faust. Comparison of the Göchhausen "Urfaust" and the fragments of 1790 with the completed First Part.

23. Advanced Conversation. *One hour per week for a year. Open to students who have completed courses 11 and 12.*

Professor Wenckebach.

The object of this course is to give fluency in speaking. Subjects for conversation are taken from German journals, especially from the *Woche*.

24. Studies in Current German Literature. *Open to students who have completed at least four years of German. One hour per week for a year.*

Associate Professor Müller.

The aim of this course is to acquaint the students with the new style of writing, as well as with the thought and art in the Germany of to-day. This will in part be accomplished by reading in standard German magazines, and by a special study of the dramas of Hauptmann, Sudermann, Wildenbruch, Ibsen, and others.

For course in Gothic see Comparative Philology.

The language of the class room is German, except in course 3. In addition to the hearing of lectures in German there will be constant speaking exercises in the class room.

There is a well-selected library of 3,315 German books, to which students in the higher German courses are constantly referred.

*Not offered in 1900–1901.

IV. ROMANCE LANGUAGES.

I. French.

1. Elementary Course. Grammar, composition, reading and conversation. *Open to all students. Freshmen four hours, all other students three hours per week for a year.*

Miss Volkaerts, Madame Raiche.

Chardenal: Complete Course, ninety lessons; study of the regular and of the commoner irregular verbs; Blouet: Primer of French Composition; Conversation based on a visit in Paris and other subjects, largely taken from the second part of Edwin F. Bacon's New French Course. Belfond: La France Littéraire au XIX^e^ Siècle, No. 3; Legouvé et Labiche: La Cigale chez les Fourmis; Marmier: Le Protégé de Marie Antoinette; Michelet: La Prise de la Bastille. Rollins: French Reader.

2. Elementary Course. Grammar, composition, reading and conversation, continued. *Open to all students who have completed course 1 or an equivalent. Freshmen four hours, all other students three hours per week for a year.*

Miss Volkaerts.

Chardenal: Complete Course; Otto: Materials, English into French; Conversation based on French History and selected subjects; Ernest Lavisse: La Nouvelle deuxième année d'Histoire de France; Labiche: Poudre aux Yeux; De Vigny: La Canne de Jonc; Molière; Le Bourgeois Gentilhomme; Sainte-Beuve: Sept Causeries du lundi.

3. Intermediate Course. Grammar and composition. *One hour per week for a year. Freshmen two hours per week for a year.*

Associate Professor Schaeys, Mr. La Meslée.

Syntax. Drill in letter writing. Short lectures on the formation of the French language, so that the student may become accustomed to take notes on easy French lectures. Borel: Grammaire française; Otto: Materials, English into French. Continuation of course 2.

4. Intermediate Course. Reading and translation. *One hour per week for a year.*

Miss Caron.

Masson: Siècle de Louis XIV.; V. Hugo: Scènes de Voyages; Champfleury: Le Violon de Faïence; Loti: Pêcheur d'Islande; Molière: L'Avare.

5. Intermediate Course. Conversation and general survey of French Literature. *One hour per week for a year.*

Miss Caron.

Bonnefon: Ecrivains Célèbres; Bernard: Le Français Idiomatiques.

Courses 3, 4 and 5 form together a third year course, and are open to those who have completed courses 1 and 2, or an equivalent.

6. The Salons and the Classic Drama in the XVII. Century. *Open to students who have completed courses 3, 4, 5. Two hours per week for a year.*

Associate Professor Schaeys.

Works read and discussed. Corneille: Le Cid, Horace, Cinna, Polyeucte; Racine: Andromaque, Britannicus, Iphigénie, Phèdre, Athalie. The Novel. Madame de Lafayette; La Princesse de Clèves. Saint-Simon: Readings from the Mémoires. Lectures, reading, recitations, and essays.

7. Advanced Grammar and Composition. *Open to students who have completed courses 3, 4, 5. One hour per week for a year.*

Associate Professor Schaeys.

Borel: Grammaire française. Summaries and brief essays.

8. Life and Works of Victor Hugo. *Open to students who have completed courses 3, 4, 5. One hour per week for a year.*

Miss Caron.

Stapfer: Victor Hugo et Racine; Dupuy: Victor Hugo, L'homme et l'écrivain: Les Misérables, Vol. I. and further selections: Quatrevingt-Treize; Hernani, Les Burgraves; selections from Légendes des Siècles and lyric poems. Lectures, reading, recitations, and essays.

*9. Literature of the XVIII. Century. *Open to students who have completed course 6. Three hours per week for a year.*

Lectures, discussions, summaries, essays, retranslation into French of passages selected from Voltaire, Montesquieu, Rousseau, and others. Study of Literary Phases of the XVIII. century, Drama, Novel; Voltaire, Beaumarchais, Marivaux, Le Sage, Rousseau.

10. Literature of the XIX. Century. *Open to students who have completed course 6. One hour per week for a year.*

Miss Caron.

Study of the principal authors of the 19th century, and of contemporary literature. Lyric poetry, the Drama, and the Novel. Lectures, critical reading, and papers.

*11. Introductory studies in Old French and Old French Literature. *Open to juniors and seniors by permission of the department. Two hours per week for a year.*

Associate Professor Schaeys.

Translation into Modern French from: La Chanson de Roland; selections from Chrétien de Troyes; Aucassin et Nicolette; La Vie de St. Alexis. History of Literature up to the beginning of the 13th century. Gaston Paris: Manuel de la littérature française du moyen âge. Lectures, additional reading, papers.

12. The Comedy in the XVII. Century. *Open to students who have completed course 6. Two hours per week for the first semester.*

Associate Professor Schaeys.

Works read and discussed. Corneille: Le Menteur; Racine: Les Plaideurs; Life and Works of Molière: Les Précieuses Ridicules, Les Femmes Savantes, Le Misanthrope, Le Tartuffe. Lectures, collateral reading, recitations, essays.

* Not offered in 1900–1901.

13. Romanticism and Naturalism in the XIX. Century. *Open to students who have completed course 6. Two hours per week for a year.*

Mr. La Meslée.

Study of the principal works. Lectures, critical reading, and papers.

14. Literature of the XVI. Century. *Open to students who have completed course 6. Two hours per week for the second semester.*

Associate Professor Schaeys.

Study of Italian influences: The Renaissance; Marot; the Pleïade; beginnings of the classic drama; Rabelais; Montaigne; the Reformation; Calvin. Lectures, collateral reading, recitations, essays.

*15. Middle Age Romance Literature. *Open to students who have completed course 9 or 12. Three hours per week for a year.*

Mr. La Meslée.

The rise and development of epic literature in mediæval Europe. A study in comparative literature based on the French cycles, with special reference to the Romance languages. Lectures, discussions, reading, and papers.

17. Time, Life, and Works of Lafontaine. *Open to students who have completed courses 3, 4, 5. One hour per week for a year.*

Mr. La Meslée.

Special attention is given to the history of fables, to the influence of the classics, and the general conception of the fable. Lectures, reading, recitations, essays.

18. Translation Course. *Open to students above freshman rank. Three hours per week for a year.*

Miss Jackson.

The object of this course is to give to students who have offered no French for admission a fair reading knowledge for use in the departments of history, literature, art, and science, from which subjects selections for reading will be made in the second semester.

Course 18 will be conducted in English.

16. Reading Course. *Open to students who have completed course 18 or who have only met the minimum B admission requirement in French. Freshmen four hours, all other students three hours per week for a year.*

Miss Jackson.

An advanced translation course along the lines of course 18 conducted in English.

II. Italian.

1. Elementary Course. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Jackson.

Grammar with written and oral exercises; reading and sight translation; conversation.

*Not offered in 1900–1901.

*2. Intermediate Course. *Open to students who have completed course 1. Three hours per week for a year.*

Miss Jackson.

Grammar; prose composition; reading and translation at sight in the first semester from modern authors; in the second semester, selections from the classic authors.

3. History of Italian Literature in the XIII. and XIV. Centuries. Emphasis on Dante. *Open to students who have a reading knowledge of Italian, on consultation with the instructor. Three hours per week for a year.*

Miss Jackson.

Selections from the Vita Nuova and the Divina Commedia of Dante. The Sonnets of Petrarch and the tales of Boccaccio will be read in the original.

*4. History of Italian Literature in the XIX. Century. *Open to students who have completed courses 1 and 2, or equivalents. Three hours per week for a year.*

Miss Jackson.

5. Dante and the early Italian Renaissance. English course. *Open to juniors and seniors. Three hours per week for a year.*

Miss Jackson.

First semester: Dante's Divine Comedy (in English translation) and the conditions of the age which produced it. Second semester: The early Italian Renaissance as expressed in the works of Petrarch, Boccaccio, Nicolo Pisano, Arnolfo, and Giotto.

A knowledge of Italian is not required.

III. Spanish.

1. Elementary Course. *Open to juniors and seniors. Three hours per week for a year.*

Mr. Gulick.

Ramsay: Spanish Grammar and Syntax; written and oral exercises; reading and translation; Matzke, Spanish Reader; Moratín, El Lí de las Niñas; Alarcón, El Capitán Veneno; Galdós, Doña Perfecta.

V. ENGLISH.

1. General Survey. *Required of freshmen. One hour per week for a year.*

Associate Professor Hart, Dr. Lockwood, Miss Perry.

First semester: the elements and qualities of style; weekly themes. Second semester: translation; description; narration; criticism. Six lectures on certain English authors regarded as masters of style. Fortnightly themes.

*Not offered in 1900–1901.

2. Exposition and Criticism. *Required for a degree. Open to students who have completed course 1. Two hours per week for a year.*

Miss Waite, Miss Rumsey.

First semester: analysis of the essay; Lewes's Principles of Success in Literature; fortnightly themes. Second semester: analysis of the short story; study of the relations of plots; criticism of literary elements of form: five themes.

3. Argumentative Composition. *Required for a degree. Open to students who have completed course 2 or 12. One hour per week for a year.*

Miss McCaulley, Miss Gardiner.

Forensics preceded by briefs; class discussion of briefs and forensics; illustrations from masterpieces of argumentation.

*8. Studies in Verse Forms. *Open to students who have completed course 2 or 12. Two hours per week for a year.*

Miss Waite.

Lectures on the theories and history of English verse forms, illustrated by class reading and discussion.

6. Advanced Course in English Composition. *Open to students who have completed course 2 or 12. Two hours per week for a year.*

Associate Professor Hart.

One theme or its equivalent per week. Long themes at stated intervals. Critical analysis in the class room of themes submitted.

7. Old English. Elementary Course. *Open to students who have completed course 1 or 12. Three hours per week for a year.*

Dr. Lockwood.

Cook's First Book in Old English; Beowulf: The Andreas; selections from the prose of Alfred and Alfric.

10. The Theory and History of Criticism. *Open to students who have completed course 2 or 12. One hour per week for a year.*

Associate Professor Hart.

Lectures on Plato, Aristotle, Sidney, Ben Jonson, Dryden, Pope, Boileau, Addison; the more important 19th century critics in England, and Sainte-Beuve, Taine, Hennequin, Brunetière in France.

11. History of the English Language. *Open to students who have completed course 1 or 12. Three hours per week for a year.*

Miss Waite.

Lounsbury's English Language; Skeat's Etymological Dictionary; lectures on questions of usage in English speech.

For course in Old English see Comparative Philology.

12. Principles of Rhetoric and Composition. *Open to freshmen. Five hours per week for a year.*

Associate Professor Hart.

*Offered alternate years. Not offered in 1900–1901.

Harper's Hebrew Syntax.

II. Biblical History

1. Studies in Hebrew history from the settlement of Canaan to the Age of David. *Required of freshmen. One hour per week for a year.*

Associate Professor Breyfogle.

2. Studies in Hebrew history from the Age of David to the Fall of Jerusalem. *Required of sophomores. One hour per week for a year.*

Associate Professor Locke, Associate Professor Breyfogle.

3. The Historical Development of New Testament Thought. *Open to juniors. Two hours per week for a year.*

Mr. Drown.

First semester: the elements and qualities of style; analysis of the essay; weekly themes. Second semester: translation; description; analysis of the short story; fortnightly themes. This course will count as equivalent to English 1 and 2, and a two hour elective. It admits students to English 3 or 15.

15. Debates. *Open to students who have completed course 2 or 12. Two hours per week for a year.*

Miss McCaulley.

This course may be taken by juniors instead of English 3, and will count as equivalent to that course and one-hour elective.

VI. COMPARATIVE PHILOLOGY.

†1. General introduction to the Science of Language. *Open to seniors, and to juniors by permission of the instructor. Three hours per week for the first semester.*

Associate Professor Edwards.

Lectures and discussions. Nature of language and principles of its life and growth; outline studies in phonetics; classification of languages; groups of Indo-European languages with chief characteristics.

*2. Introduction to the Science of Comparative Philology. *Open to seniors,*

4. Historical Latin Grammar; Syntax. *Open to graduates ~~and seniors~~ who have completed three full courses in Latin. Three hours per week for a year.*

Associate Professor Hawes.

Lectures on the history of work in Latin syntax especially during the present century. The course will be devoted mainly to the syntax of the verb, considering the primitive meaning and historical development of the modes and tenses. Students will be expected to summarize and compare the discussions of the subject in the most important grammars and treatises, and also to collect material for the study of special problems in Latin syntax.

5. Sanskrit. *Open to seniors, and to juniors by permission of the instructor.* One *hours per week for a year.*

Associate Professor Edwards.

If taken in connection with course
1, this course will count for a 3-hr elective.
Elements of grammar and reading from Sanskrit epic.

6. Gothic. *Open to seniors (and to juniors by permission of the instructor) who offer at least a reading knowledge of German. One hour per week for a year.*

Associate Professor Müller.

Reading of Ulfilas with constant reference to the syntax, phonology, and etymology of the language. Presentation of fundamental principles in Germanic philology.

7. Old English. *Open to seniors who have completed English Literature 16 or English 11 or their equivalent. Two hours per week for a year.*

Dr. Lockwood.

Siever's Cook's Grammar; Cynewulf: the Crist; the Elene, the Juliana.

8. Old French. *Open to seniors (and to juniors by permission of the instructor) who offer four years of French and a reading knowledge of German. Three hours per week for a year.*

Miss Jackson.

The steps in the development of the Langue d' Oïl from the Latin will be traced in respect to phonetic and grammatical changes. The Chanson de Roland, Aucassin et Nicolette, and other texts will be studied in their relation to the history of the language.

4. Life of Christ. *Open to juniors. Two hours per week for a year.*
Associate Professor Locke.

This course includes an outline study of the life of Christ,—his land, people, and times,—and a special study of his teachings.

5. Greek Testament I. Life of Christ; text study of the Gospels; special study of the Gospel of St. John; lectures. An elective in Bible study for juniors. *Open to students who have completed course 1 of classical Greek. Two hours per week for a year.*
Professor Chapin.

†6. Greek Testament II. Life and writings of St. Paul; text study of the Acts and Epistles; lectures. An elective in Bible study for seniors. *Open to students who have completed course 1 of classical Greek. Two hours per week for a year.*
Professor Chapin.

†7. Sources of New Testament Greek in the Septuagint. Quotations from the Old Testament in the New; lectures. Illustrative readings, chiefly from the Psalms in Greek. *Open to students who have completed Greek Testament I. One hour per week for a year.*
Professor Chapin.

8. History of the Christian Church during the first century of the Christian Era. *Open to juniors. Two hours per week for a year.*
Dr. Kendrick.

A study of the life and growth of the early Church and of the lives and teachings of its leaders, with especial emphasis on the work of Paul. A rapid preliminary view of the condition of the Jewish and Roman world in the time of Jesus, and of the origin of Christianity. Given by lectures, readings from the literature of the first century, and the study of the book of Acts.

9. History of Religions. *Open to seniors. Three hours per week for a year.*
Associate Professor Locke.

Introductory study of primitive religions; followed by an outline comparative study of the rise and development of the leading historic faiths.

Lectures, reports of special study, discussions.

VIII. ENGLISH LITERATURE.

1. Outline History of English Literature. *Open to all students. Freshmen four hours, all others three hours per week for a year.*
Associate Professor Jewett and Dr. Bowen.

This course offers: 1. A series of lectures on the History of English Literature. 2. Critical studies of selected masterpieces.

A syllabus of the historical work is sold by the department.

†Withdrawn for the current year.

2. English Prose to 1830. Critical Studies. *Open to students who have taken or are taking course 1. Three hours per week for a year.*

Associate Professor Sherwood.

First semester: the development of the novel, traced by close study of masterpieces in successive periods. Second semester: critical study of one prose author in each of the great periods of English prose.

3. Ballads and Lyrics. *Open to students who have taken or are taking course 1. Three hours per week for a year.*

Professor Bates.

The class-room hours will be given to the reading and analysis of representative groups of ballads, odes, elegies, sonnets, songs, and minor varieties of the lyric. Special studies will be carried on by individual students, who will present their results to the class from time to time.

4. Milton. *Open to students who have taken or are taking course 1. Three hours per week for a year.*

Dr. Lockwood.

The primary object of this course is the critical reading of all Milton's poetry, and of some of his prose. The character and genius of the poet are considered as influenced by the political and religious conflict of the times. Special emphasis is placed on the comparison of Milton's work with that of other great writers who have used the same literary forms. Lectures, discussions, reports, one paper each semester.

*5. American Literature. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Professor Bates.

A lecture course, with brief weekly papers on themes suggested by the subject in hand.

6. Victorian Prose. *Open to students who have completed, as directed below, two previous courses. Three hours per week for a year.*

Associate Professor Scudder.

The modern novel, from Dickens to Meredith, is studied as a literary form and an expression of contemporary life. Essayists from Carlyle to Arnold are discussed in their criticism of art, society, and religion.

7. English Poetry of the XIX. Century. *Open to students who have completed, as directed below, two previous courses. Three hours per week for a year.*

Associate Professor Jewett.

This course considers the work of the greater Georgian and Victorian poets in their relation to one another and to contemporary movements, political, social, ethical and æsthetic. A syllabus of topics and references may be obtained from the department.

8. English Literature of the XIV. Century. *For conditions of admission see statement below. Three hours per week for a year.*

Dr. Bowen.

*Not offered in 1900-1901.

This course includes the close study of a portion of Chaucer's work, with reading and discussion of the rest. The stages of his development are emphasized. Attention will be given to contemporary literature, not only in England, but also in France and Italy. Special study will be put upon Langland's Piers Plowman, the Cursor Mundi, Minot's Ballads, Mandeville's Travels, and that group of Alliterative Poems represented by The Pearl and The Green Knight. A syllabus for the Chaucer work can be procured of the department.

9. English Drama through Shakespeare. *For conditions of admission see statement below. Three hours per week for a year.*

Professor Bates.

This course attempts to trace the dramatic evolution from the Easter Mystery to Shakespeare, to observe the structure and artistic principles of the Elizabethan drama, and to study closely a few of Shakespeare's plays, with reading and discussion of the others. A syllabus sold by the department furnishes data for the work.

10. Historical Development of English Literature. *For advanced students. For conditions of admission see statement below. Three hours per week for a year.*

Associate Professor Scudder.

This course makes a comparative study of the great literary periods. The development of literary forms is traced, the interplay of native and foreign influences is noted, and the chief men of each period are briefly studied in relation to the age. The aim of the work is to fill up gaps between other courses, and to give a rapid synthetic survey of English Literature in its development.

*11. Shelley and Browning. Seminary. *Three hours per week for a year.*

Associate Professor Scudder.

The poets are thoroughly studied in their development.

12. English drama: Dryden and his successors. Seminary. *Open to undergraduates by special permission only. Three hours per week for a year.*

Associate Professor Sherwood.

14. English Masterpieces. *Open only to seniors who have completed no full course in English Literature, or course 1 only. Three hours per week for a year.*

Associate Professor Scudder.

Lectures, discussions.

16. Old English Literature. *Open to freshmen only. Four hours per week for a year.*

Dr. Bowen.

The purpose of this course is to study masterpieces of English Literature from the seventh to the eleventh century. Wyatt's Old English Reader, the Beowulf, Judith, and some selections from The Codex Exoniensis will be read.

19. Romanticism in English Literature. Lecture course. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Associate Professor Scudder.

* Not offered in 1900–1901.

First semester: Romanticism till 1798. Readings from the legends of the Holy Grail, Spenser's Færie Queen, the poems of Gray, Collins, Blake and Burns. Second semester: Romanticism from 1798 to 1830. Readings from Scott, Wordsworth, Keats, Coleridge, Shelley, Byron.

20. Spenser and his relation to Mediæval and Renaissance poetry. *Open to students who have completed two full courses, or who are taking a second course. Two hours per week for a year.*

Associate Professor Jewett.

This course will be primarily a study of Spenser's poetry. Special consideration will be given to Spenser's predecessors in Allegory, Pastoral, and Romantic Epic; and to the influence of Spenser upon the English poetry of the seventeenth century.

The courses are elective, with the following restrictions: Students proposing to elect a single full course should take 1, with the exception of seniors desiring course 14.

Students proposing to elect two courses only should take 1, followed by one of the courses designed for the training of the literary sense, 2, 3 or 4, with the exception of seniors desiring course 14.

Students proposing to elect a three-course major should take the initial historical course 1; then one of the courses for literary training, 2, 3 or 4; and finally one of the courses presenting literary epochs, 6, 7, 8 or 9.

Students proposing to elect a four-course major should make one of the following combinations: 16, 8, 9, 6 or 7. 8, 9, 6 or 7, 10.

Courses 19 and 20, taken together, may count as one full course of the three-course major.

Either half of any one of courses 2, 3, 4, 6, 7 may be taken as a complete semester course, by permission of the department.

IX. PHILOSOPHY.

For requirement in philosophy, and for other details, see Notes following description of courses.

1. Introduction to Psychology. *Open to juniors and seniors, and to sophomores by permission of the department. Three hours per week for the first semester.*

Associate Professor Case.

Elementary studies in the analysis and classification of the phenomena of consciousness and in the determination of the simpler laws to which they are subject. Titchener: Primer of Psychology; James: Briefer Course in Psychology.

7. Experimental Psychology. *Open to students who have completed course 1. Three hours per week for the second semester.*

Dr. Gamble.

Laboratory work under supervision: experiments in sensation and affection, in reaction-times, and in attention, association, and memory. Lectures to explain and to supplement experimental observations and conclusions. Written reports of experimental work. Titchener: Laboratory Manual.

14. Psychological Theory. *Open to students who are taking course 15 for the first time. Two lectures per week, to count as one hour for the first semester.*

Professor Calkins.

Discussion of the nature, divisions, and methods of psychology; of the relation of psychology to other sciences and to philosophy; and of the historical development of systems of psychology.

15. Introductory Course in Psychological Research. *Open to students who have completed course 7 and to others by permission, but open only in combination with course 14 (if not already completed). Two or five hours per week in the first semester and three or six hours per week in the second semester.*

Dr. Gamble, Professor Calkins.

Investigation, experimental or statistical, by individual students of special problems; written reports. In the second semester, lectures by students and by the instructors, stating and supplementing the results of the year's research. Reference to the literature of the particular problems.

†3. Deductive Logic. *Open to sophomores, juniors, and seniors. Two hours per week for the first semester.*

Dr. Gamble.

Training in deductive argument and logical criticism. Work expressly designed to meet the practical needs of the student. Creighton: Introductory Logic.

†4. Inductive Logic. *Open to students who are taking course 3. One hour per week for the first semester.*

Dr. Gamble.

Parallel treatment of inductive reasoning.

*2. Æsthetics. *Open to students who have completed course 1. Three hours per week for a year.*

Associate Professor Case.

Psychology of the æsthetic consciousness. Historical and critical study of theories of beauty. Interpretation of laws of art.

5. Introduction to Ethics. *Open to students who have completed course 1. Three hours per week for the second semester.*

Associate Professor Case.

Psychology of the ethical consciousness. Historical and critical study of the chief types of ethical theory. Lectures on the application of ethical principles to the problems of individual and social life. Mackenzie: Manual of Ethics.

13. Advanced Ethics. *Open by permission of the instructor. Three hours per week for a year.*

Associate Professor Case.

Subject of the course varied from year to year. In 1900–1901: the ethical systems of Hobbes and Spinoza. In 1900–1901 the second semester only of course 13 is offered.

*Not offered in 1900–1901.
†Withdrawn for the current year.

16. Social Philosophy. *Open to students who have completed course 1. Three hours per week for the second semester.*

Associate Professor Case.

Preliminary study of social psychology. Lectures on the scope of social philosophy, on the nature of society and social institutions, and on the fundamental problems of social conduct.

6. Introduction to Philosophy. *Open to students who have completed course 1. Three hours per week for the second semester.*

Professor Calkins.

Discussion of metaphysical problems based on Books II. and IV. of Locke's Essay concerning Human Understanding, Berkeley's Principles of Human Knowledge, Hume's Inquiry concerning Human Understanding, and selected chapters of Royce's Spirit of Modern Philosophy.

8. General History of Philosophy. *Open to students who have completed course 5 or 6 or 7. Three hours per week for a year.*

Associate Professor Case.

Lectures on the development of thought in Europe, collateral reading, class discussion, occasional essays. First semester: ancient philosophy. Fragments of the pre-Socratic philosophers; selections from Plato (Theætetus entire). Second semester: modern philosophy. Selections from Descartes, Locke, Berkeley (Principles of Human Knowledge entire), Kant.

In 1900–1901, only the first semester of course 8 is offered.

9. Locke, Berkeley, and Hume; Kant and Schopenhauer. *Open to students who have completed course 5 or 6 or 7.*

Professor Calkins.

Lectures and discussions. Text study of Locke's Essay concerning Human Understanding (Books I., II., and IV.); Berkeley's Principles of Human Knowledge, and selections from the Dialogues; Hume's Treatise on Human Nature (Book I.); Kant's Critique of Pure Reason and Metaphysic of Ethics; Schopenhauer's Fourfold Root. Lectures on Leibniz and on post-Kantian idealism. An essay from each student on some topic of the Critique of Pure Reason.

*10. Greek Philosophy. *Open to students who have completed course 8 or 9. Three hours per week for a year.*

Associate Professor Case, Professor Calkins.

Lectures, text study, reports of special study, discussions. Pre-Socratic philosophers (Fairbanks and Burnet); Plato: Theætetus, Phædrus, Symposium, Phædo, Sophist, Parmenides, Republic and Timæus (Jowett's translation, with comparison of Greek text); Aristotle: Metaphysics, books 1, 5–10; Brief study of Aristotle's Psychology (Watson) and Nicomachean Ethics (Welldon or Peters).

11. Post-Kantian German Philosophy. *Open to students who have completed course 8 or 9.*

Professor Calkins.

*Not offered in 1900–1901.

Lectures, reports of special study, discussions. Subject of the course varied from year to year. In 1900–1901: text-study of Fichte: Science of Knowledge (selections) and Vocation of Man; Hegel: (1) Introduction to the Philosophy of Religion, (2) Larger Logic, Book I., Quality (Stirling) and (3) Logic of the Encyclopedia (Wallace).

*12. The Philosophy of Religion. *Open to students who have completed the equivalent of two full courses (of which one may be taken simultaneously with 12) selected from the following: 8, 9, 10, 11, 13, 16.*

NOTES.

1. The requirement in philosophy for a degree is met by taking course 1 (first semester), followed by course 5 or 6 or 7 (second semester). Courses 5, 6, and 7 are also open as elective courses.

2. Courses 1, and 5 or 6 or 7 may often with great advantage be carried in the sophomore year. A student who wishes to take course 10, 11, or 12 as undergraduate work, can meet the prescribed conditions only by obtaining permission either to take this required work in the sophomore year, or to carry 8, 9, or 13 in the junior year, simultaneously with the required work.

3. By permission, the second semester of 9 and either semester of 8, 10, 11 13, and 15 may be taken separately.

By permission, 8, 9, or 13 may be taken simultaneously with its prerequisites: courses 1, and 5 or 6 or 7.

4. Course 14 is required of students who are taking 15 for the first time. Course 15 may be repeated by a student who has not already taken the maximum number of hours offered; it then counts as three hours per week for either semester.

X. HISTORY.

‡1. Political History of England to 1603. *Open to freshmen, sophomores, and juniors, and to seniors who have taken no college course in history. Freshmen four hours, all others three hours per week for the first semester.*

Associate Professor Kendall and Miss Orvis.

‡2. Political History of England from 1603 to the present time. *Open to sophomores, juniors, and seniors, and to freshmen who have completed course 1, or who offer English History as an admission subject. Freshmen four hours, all others three hours per week for the second semester.*

Associate Professor Kendall and Miss Orvis.

The aim of these courses is to train students in the use of historical material and in dealing with historical problems. Emphasis is placed on political, social, and industrial conditions in relation to race development.

*Not offered in 1900–1901.

‡ Courses 1 and 2, or 3, are prerequisite to later elections. These courses will not both count toward a three-course major that is associated with tributary subjects.

‡3. History of Europe from the Roman conquest to the Peace of Utrecht. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Crandall.

This course furnishes an outline of mediæval and early modern history, and deals with the simpler political and social problems. It aims to train students in methods of historical work, and to furnish a background for detailed study of particular epochs.

4. History of the French Revolution. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Orvis.

This course involves (1) an introductory discussion of the condition of France on the eve of the Revolution; (2) a detailed study of the progress of the Revolution and of the reaction against democratic tyranny culminating in Imperialism; (3) an inquiry into the influence of revolutionary ideas in the subsequent history of France, Germany, Austria, Italy, Spain, and Russia.

5. Constitutional History of England to 1485. *Open to juniors and seniors. Three hours per week for the first semester.*

Miss Crandall.

A study of the origin and early development of the English constitution. Stubbs is the principal authority. The class has access to the text of charters and laws.

6. Constitutional History of England from the accession of the Tudors. *Open to juniors and seniors. Three hours per week for the second semester.*

Miss Crandall.

A study of the later development of the English constitution, the rise of party and cabinet government, and the establishment of popular control.

7. History of the United States from 1787. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Kendall.

A study of the formation and development of the constitution of the United States, with special reference to controlling forces, such as the organization of parties, the growth of democracy, the rise of the slave power, the political effects of the development of the West.

*8. Mediæval Institutions. *Open to students who shall satisfy the instructor of their fitness for the work. Three hours per week for a year.*

The course consists partially of lectures, but chiefly of the discussion of papers to be written by the students. The period covered extends from Charlemagne to the Peace of Westphalia. A knowledge of German as well as of Latin will be of advantage.

* Not offered in 1900–1901.

‡ Courses 1 and 2, or 3, are prerequisite to later elections. These courses will not both count toward a three-course major that is associated with tributary subjects.

9. History of the diplomatic relations of the States of Europe from the accession of Frederick the Great to the present day. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Orvis.

This course includes (1) a review of the changes in Europe since the Treaties of Westphalia; (2) the Age of Frederick the Great; (3) the change made in European relations by the French Revolution; and (4) the Age of Bismarck.

10. American Colonial History. *Open to juniors and seniors who have completed two full courses in history. Three hours per week for the first semester.*

Associate Professor Kendall.

A study of the establishment and development of the English colonies in America, concluding with a detailed consideration of the conditions which led to a separation from the mother country.

*11. Political Science. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Kendall.

This is an introductory course in the comparative study of the origin, character, development, and aim of political institutions.

12. Growth of the British Empire. *Open to juniors and seniors who have completed two full courses in history. Three hours per week for the second semester.*

Associate Professor Kendall.

This course includes (1) a historical review of the development of the empire; (2) a study of the changes of colonial policy; (3) a study of colonial administration; and (4) a discussion of present colonial problems.

XI. ECONOMICS AND SOCIOLOGY.

1. Elements of Economics. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Miss Balch.

An introductory course, designed to give the student some acquaintance with economic facts and training in economic reasoning.

2. Industrial History of the United States. *Open to students who have completed course 1. Three hours per week for the second semester.*

Professor Coman.

A study of the national development in its material and social aspects, accompanied by a critical review of our economic legislation, commercial and financial.

*‡3. Industrial History of England. *Open to juniors and seniors who have taken courses 1 and 2. Three hours per week for the first semester.*

Professor Coman.

A study of the successive phases of industrial organization, with a view to tracing this aspect of social evolution.

*Not offered in 1900–1901.

‡Courses 3 and 5 are not given in the same year. Course 3 will be given in 1901–1902.

4. Socialism. *Open to students who have completed courses 1 and 2. Three hours per week for the first semester.*

Miss Balch.

A study of socialist theories, "Utopian" and "Scientific," in their historical development, with some consideration of modern socialist parties, and especially of German Social Democracy.

5. Statistical study of certain economic problems in the industrial history of the United States. *Open to students who have completed courses 1 and 2. Three hours per week for the first semester.*

Professor Coman.

The course is introduced by lectures on the principles of statistical research. Each member of the class undertakes the investigation of a particular problem, and reports the results of her inquiry to the class. The graphic method of presenting statistical results is emphasized.

6. Social Economics I. *Open to juniors and seniors who have completed courses 1 and 2. Three hours per week for the first semester.*

Miss Balch.

A study of the defective, dependent, and delinquent classes, accompanied by discussion of the methods of dealing with each.

7. Social Economics II. *Open to juniors and seniors who have completed courses 1 and 2. Three hours per week for the second semester.*

Miss Balch.

A discussion of methods of meeting certain normal social needs, such as sanitation, housing, household economy, education, recreation, and thrift.

8. Labor Problems in the Nineteenth Century. *Open to students who have completed two courses in Economics. Three hours per week for the second semester.*

Miss Balch.

A study of methods of dealing with the difficulties of the modern industrial situation, such as labor legislation, trade unionism, profit sharing and co-operation, insurance and pension schemes. The American experience will be emphasized.

†9. An Introduction to General Sociology. *Open to students who have completed two courses in Economics. Three hours per week for the second semester.*

Miss Balch.

A review of the most important sociological theories, together with a study of the evolution of the institution of property. A reading knowledge of French and German is desirable.

10. Public Finance. *Open to students who have completed courses 1 and 2 in Economics. Three hours per week for the year.*

Professor Coman.

First semester: economic functions of the State, revenue and expenditure. Second semester: problems in municipal finance.

†Withdrawn for the current year.

XII. PURE MATHEMATICS.

1. Required course for freshmen. *Four hours per week for a year.*

   (*a*) Solid and Spherical Geometry. *Three hours, first semester.*

   (*b*) Higher Algebra. *One hour, first semester; two hours, second semester.*

   The subjects emphasized are Determinants, Convergency of Series, Logarithms, and Theory of Equations (including Sturm's Theorem).

   (*c*) Plane Trigonometry. *Two hours, second semester.*

   Associate Professor Chandler, Miss Merrill, Miss Denis.

2. Conic Sections and Plane Analytical Geometry. *Open to students who have completed course 1. Three hours per week for a year.*

   Acting Professor Burrell, Associate Professor Chandler.

   A brief course in geometrical conics precedes the usual analytical work.

3. Differential and Integral Calculus. *Open to students who have completed course 2. Three hours per week for a year.*

   Acting Professor Burrell.

   One hour per week during the second semester will be given to lectures on topics from analytical trigonometry of general value in analytical work.

4. Theory of Equations, with Determinants (Burnside and Panton). *Open to students who have completed course 3. Three hours per week for the first semester.*

   Associate Professor Chandler.

5. Solid Analytical Geometry (C. Smith). *Open to students who have completed course 3. Three hours per week for the second semester.*

   Associate Professor Chandler.

*8. Projective Geometry. *Open to seniors who have completed course 2, and to juniors by permission of the instructor. Three hours per week for a year.*

   Acting Professor Burrell.

   A lecture course, following the general method of Reye's Geometrie der Lage.

†9. Differential Equations (Johnson). *Open to students who have completed course 4. Three hours per week for the second semester.*

   Associate Professor Chandler.

6. Modern Synthetic Geometry. *Open to students who have completed course 2. Three hours per week for a year.*

   Acting Professor Burrell.

   Projective and metrical properties of plane and sheaf forms of the first and second orders; the law of duality; harmonic forms; the anharmonic ratio; involution; theory of poles and polars; reciprocation; collineation; space forms and surfaces of the second degree. Given by lectures and references.

* Not offered in 1900–1901.

† Withdrawn for the current year.

†10. Differential Equations (Forsyth). *Open to students who have completea course 4. Three hours per week for a year.*

Associate Professor Chandler.

Advanced course, intended primarily for graduate students.

XIII. APPLIED MATHEMATICS.

1. Introduction to the Mathematical Treatment of Science. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Hayes.

2. Elementary Mathematical Astronomy. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Hayes.

In this course, and also in course 6, there is opportunity for work in the Whitin Observatory.

†3. Thermodynamics. *Open to students who have completed course 1. Three hours per week for the second semester.*

Professor Hayes.

†4. Theoretical Mechanics; advanced course. *Open to students who have completed course 1. Three hours per week for the first semester.*

Professor Hayes.

†5. Geodynamics. *Open to juniors and seniors properly qualified. Three hours per week for the second semester.*

Professor Hayes.

Both the astronomical and geological aspects of the subject are emphasized. In general, the topics discussed are: precession, nutation; form, size, density of the earth; thermal condition of the earth, theories concerning its crust.

†6. Theoretical Astronomy. *Open to students who have completed course 1 Three hours per week for a year.*

Professor Hayes.

Theory of orbits. Determination of a parabolic orbit.

7. Logic. *Open to juniors and seniors. Three hours per week for a year.*

Professor Hayes.

An examination of the principles of correct thinking and of the methods of science. Emphasis is laid on induction. Materials for study are drawn from masterpieces of scientific writing and from current scientific literature. The course is primarily designed for students of science, but is also adapted to the needs of general students.

† Withdrawn for the current year.

XIV. CHEMISTRY.

1. General Chemistry. *Open to all undergraduates. Freshmen four hours per week for a year; all other students three hours per week for a year.*

Associate Professor Bragg, Miss Penny, Miss Jackson.

Course 1 is for beginners in Chemistry, and is intended to familiarize the student with the important properties of the elements—especially the non-metallic ones—and their compounds, with their modes of preparation, and with such tests as shall lead up to the study of systematic Qualitative Analysis; also to present the laws governing chemical reactions, the meaning of chemical equations, and the more recent theories adopted in the science.

All of the more simple experiments are performed by the student herself in the laboratory.

2. Qualitative Analysis. *Open to students who have completed course 1. Three hours per week for the first semester.*

Miss Jackson.

This course supplements course 1 by presenting the properties and characteristic reactions of the metallic elements. Practical methods of separating and recognizing the elements present in simple mixtures are taught, and the progress of the student is constantly tested by the examination of simple substances, the exact composition of which is unknown to the student.

3. Organic Chemistry. *Open to students who have completed course 1. Three hours per week for the second semester.*

Professor Roberts, Miss Penny.

This course includes a somewhat careful study of the saturated series, dealing very briefly with the unsaturated and benzene series. Experiments are performed in the laboratory to illustrate the behavior of representative substances, and a limited number of preparations are made to familiarize the student with the more common processes of Organic Chemistry.

4. Qualitative Analysis. *Open to students who have completed course 1. Three hours per week for the year.*

Miss Jackson.

5. Quantitative Analysis. *Open to students who have completed course 2 or 4. Three hours per week for the second semester.*

Miss Jackson.

In this course a few typical processes involving both volumetric and gravimetric methods will be taught, to illustrate general principles of Quantitative Analysis.

6. Air, Water, and Food Analysis. *Open to students who have completed course 1 or 10, 2 or 4, 3 or 7, and 5. Three hours per week for the first semester.*

Associate Professor Bragg.

7. Organic Chemistry, with laboratory work in organic preparations. *Open to students who have completed two years' work in Chemistry. Three hours per week for a year.*

Professor Roberts, Miss Penny.

8. Theoretical Chemistry. *Open to students who have completed course 1. Three hours per week for the first semester.*

Professor Roberts.

9. Stereo-Chemistry and Laboratory work in connection with Theoretical Chemistry. *Open to students who have completed courses 3 or 7, and 8. Three hours per week for the second semester.*

Professor Roberts, Associate Professor Bragg.

†10. Inorganic Chemistry. *Open to all students who have had Chemistry before entering college, and to seniors who have not had a previous course in the subject. Three hours per week for a year.*

Associate Professor Bragg.

XV. PHYSICS AND PHYSICAL ASTRONOMY.

1. General Physics. *Open to all undergraduates. Freshmen four hours, others three hours per week for a year.*

Miss Davis, Miss Langford.

This course is intended for students who are beginning Physics. It consists of lectures amply illustrated, followed by laboratory work. The object is to outline the elementary principles of Mechanics, Sound, Electricity, and Light, to train the powers of observation, and to teach proper methods of recording observations.

†2. Laboratory Work. *Open to sophomores, juniors, and seniors by permission of the department. One hour per week for a year.*

Miss Davis.

3. Heat, Light, and Electricity. *Open to students who have completed course 1 or an equivalent. Freshmen four hours, all other students three hours per week for a year.*

Professor Whiting, Miss Langford.

The course is intended, by experimental work and consultation of original memoirs, to acquaint the student with the methods of original investigation; also to give practice in the preparation of subjects and their presentation before others, with suitable illustration.

The course is desirable for all who wish to prepare to teach Physics.

†4. Selected subjects in Light and Electricity, mathematically treated. *Open to seniors who have completed course 3, and also course 3 in Pure Mathematics. Three hours per week for a year.*

Professor Whiting.

Text-books: Preston's Theory of Light, and J. J. Thomson's Mathematical Theory of Light and Electricity.

†Withdrawn for the current year.

5. Advanced Laboratory Work. *Open to students who have completed course 3. Three hours per week for a year.*

Professor Whiting, Miss Langford.

Advanced work upon the spectrum, polarized light, interference phenomena, absolute measurements in electricity and magnetism. Special problems assigned; constant reference to original sources.

‡6. Meteorology. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Professor Whiting.

Text-book: Davis's Meteorology. The course is accompanied by constant reference to original papers, by the solution of inductive problems from the weather maps and records of observations. Familiarity is gained with the use of standard instruments, including the self-recording thermometer, barograph, anemometer, and anemoscope.

‡7. Physical Astronomy. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Whiting.

Text-book: Young's General Astronomy. Ample opportunity for laboratory work is offered by the Whitin Observatory, where dome, transit, and spectroscope rooms are provided with instruments from the best makers for both the astronomy of measurement and astrophysics.

XVI. GEOLOGY AND MINERALOGY.

1. Geology. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Niles, Miss Fisher.

Lectures, recitations, and field work. Subjects treated: Dynamical Geology, Structural and Historical Geology.

A systematic and comprehensive study of the more important teachings of geological science.

2. Mineralogy. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Miss Fisher.

Lectures and recitations. Laboratory study of sets of specimens of the more important mineral species. Blow-pipe analysis. Crystallography. A reference collection is always available for students' use.

3. Advanced Geography. *Open to students who have completed one year of science. Three hours per week for the second semester.*

Miss Fisher.

Lectures, recitations, and two laboratory appointments per week for map-study. This course comprises a comparative study of the geographic features of the continents. It also discusses the influence which these features have upon the life, habits, prosperity, and commercial relations of peoples and nations.

‡ An elementary course in Physics, either in college or in secondary school, is prerequisite to courses 6 and 7.

XVII. BOTANY.

1. General Comparative Morphology and Principles of Classification. *Open to all undergraduates. Freshmen four hours per week for a year; all other students three hours per week for a year.*

Professor Hallowell, Associate Professor Cummings, Associate Professor Cooley.

This course is introductory to all the other courses in Botany. It includes an outline study of plant structure and development, with the fundamental laws of biology as exemplified in plants, their relation to environment and to other living beings, both plants and animals.

A herbarium of fifty specimens is required. Recitations and lectures, accompanied by parallel studies in the laboratory and field.

2. Cryptogamic Botany. *Open to students who have completed course 1. Three hours per week for a year.*

Associate Professor Cummings.

A study of the morphology, reproduction, and development of the lower forms of plant life.

In the autumn special attention is given to the study of mushrooms, both in field and laboratory, with reference to poisonous and edible forms. In the spring term each student makes choice of some group, as ferns, for individual study. It is intended that this course shall supplement Botany 1 in giving a general survey of the plant kingdom.

3. Systematic and Economic Botany. *Open to students who have completed course 1, and to others upon advice of the professor. Three hours per week for a year.*

Associate Professor Cooley.

This course includes a study of the special morphology, ecology, and classification of flowering plants. Stress is laid upon the relation of habit and structure to external conditions of life. Living plants are studied as individuals and as members of plant communities. An important part of the course is the study of plant products and their uses.

The work is conducted in the laboratory, field, and greenhouse.

4. Medical Botany. *Open to students who have completed course 2. Three hours per week for a year.*

Associate Professor Cooley.

Microscopical examination of the typical and important roots, rhizomes, stems, leaves, barks, and fruits of the Pharmacopœia. This course is intended to give familiarity with the botanical characters of the more common medicinal plants, thus aiding in the identification of the crude drugs derived from them and in the detection of adulterations. The active principles of such drugs, and peculiar modes of action, are also investigated.

*6. Plant Biology. *Open to students who have completed course 2. Three hours per week for a year.*

Associate Professor Cooley.

*Not offered in 1900–1901.

Gross anatomy, histology, and physiology of a series of plants, considered as types, proceeding from the simpler to the more complex organisms. Special attention will be given to tracing the development of organs and the evolution of forms.

*7. Embryology and other special topics. *Open to students who have completed course 11. Three hours per week for a year.*

Professor Hallowell.

This course is to be pursued with a view to original research and a thorough acquaintance with the literature of the subject. A thesis is required of each student.

*8. Advanced Cryptogamic Botany. Systematic study of any chosen group or groups of Cryptogams. *Open to students who have completed course 2. Three hours per week for a year.*

Associate Professor Cummings.

†9. Trees and Forestry. *Open to students who have completed course 1. Two hours per week for a year.*

Professor Hallowell.

A study of the anatomy and physiology of trees, their products and uses, their relations to climate. Protection of woodlands and forest regulations.

10. Comparative Histology of Plants and Microscopical Technique. *Open to students who have completed course 2. Three hours per week for the first semester.*

Professor Hallowell.

A study of cell structure, cell contents, plant tissues, and development of the Phanerogams.

Special attention is given to the technique of the microscope and to microchemical methods of staining and testing.

11. Plant Physiology. *Open to students who have completed course 10. Three hours per week for the second semester.*

Professor Hallowell.

The lectures in this course take up in detail the more important problems of plant physiology, including heredity and the biological adaptations of plants to their surroundings.

The laboratory study consists of experimental work in plant physiology.

A knowledge of the elements of Physics and Chemistry is very desirable for courses 10 and 11.

XVIII. ZOOLOGY AND PHYSIOLOGY.

1. General Biology. *Open to freshmen and sophomores. Freshmen four hours, all other students three hours per week for a year.*

Miss Hubbard, Miss Bowers.

In this course emphasis is laid on the fundamental unity of plants and animals. The general principles underlying all life are studied by means of field work, labor-

* Not offered in 1900–1901.

† Withdrawn for the current year.

atory work, and lectures. A study is made of a typical animal, the frog, and also of a typical plant, the bean, in order to compare the morphology and physiology of the two kingdoms. Development is studied in the life history of the frog. A brief comparative study is made of lowly plants and animals.

This course is intended to train students in accuracy of observation and in methods of scientific work.

2. General Zoology. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Willcox.

Comparative study of all the great groups (types) of animals, beginning with unicellular organisms and concluding with mammals. Also a brief study of the embryology of a vertebrate.

This course aims to present the outlines of animal structure and classification, and to give familiarity with the commoner forms.

Courses 1 and 2 together will meet the admission requirement in biology of the Johns Hopkins Medical School.

3. Anatomy of the Cat. *Open to students who have completed course 1 or course 2. Three hours per week for the first semester.*

Miss Hubbard.

This course is intended to train students in careful dissection. It is especially fitted for those who intend to study medicine. Constant reference will be made to human anatomy, and a lightening of the ordinary course in that subject in a medical school can be effected by taking this work.

4. Embryology of the Chick. *Open to students who have completed course 2. Three hours per week for the second semester.*

Miss Hubbard.

This course, by a thorough study of the development of the chick, introduces the student to the general principles of embryology. Training is given in the mounting of embryos and in the preparation of serial sections.

5. Natural History of Animals. *Open to students who have completed or are taking course 2. Three hours per week for a year.*

Professor Willcox.

Collection and classification of animals; study of habits; readings in natural history; excursions to neighboring museums; microscopic mounts of minute animals.

*6. Zoological Seminary. *Open under the advice of the professor to students who have completed two full courses. Three hours per week for a year.*

Professor Willcox.

Readings and discussions of Darwin, Spencer, Wallace, Weismann, and kindred authors. One careful paper on a biological subject prepared by each student.

*Not offered in 1900–1901.

*9. Animal Histology and Histological Technique. *Open to students who have completed course 1 or course 2. Three hours per week for a year.*

Miss Bowers.

Lectures on cellular histology and physiology. Laboratory work, including thorough training in the manipulation of the microscope and in the methods of histological preparation, as well as the study of prepared specimens. A considerable lightening of the ordinary course in histology as given in a medical school can be effected by taking this work.

*10. Animal Physiology. *Open to students who have completed course 1 or course 2. Three hours per week for a year.*

Lectures and laboratory work dealing with experimental and theoretical questions in physiology, such as the structure and action of muscle, nerves, blood vessels, the heart, blood, the formation and action of digestive juices, excretion, metabolism, the special sense organs, the brain, etc. Each student arranges and uses the apparatus necessary for almost all experiments; but some of the more difficult are performed by the instructor, assisted in turn by the different members of the class.

Apparatus needed by students in this department. Microscopes, reagents, etc., are provided by the college. Certain dissecting instruments may be rented from the college, others must be provided by the students.

The instruction in all courses of the Zoology department, except 6, is given through practical work in the laboratory, accompanied by lectures, three appointments per week, one hour and a half each. Course 6 requires no laboratory work, and the appointments are forty-five minutes each.

HYGIENE.

1. Physiology and Hygiene. *Required of freshmen. One hour per week for a year.*

Miss Sherrard.

Lectures, demonstrations, and quizzes.

The subject presented is the proper care of the body, and the course is designed to give a practical knowledge of its structure and an understanding of the laws of life and health. An outline is also given of the general principles of public hygiene.

XIX. PEDAGOGY.

1. Science of Education. *Open to juniors, seniors, and graduates. Three hours per week for a year.*

Associate Professor Carlisle.

This course attempts to base principles of education upon the data of science. It sketches rapidly the civilizing and educative influence of the arts of primitive peoples. It studies educational processes at various stages of the child's development and considers educative material suitable at different periods of his life. This course also includes a general study of the child's physique and it presents school hygiene in detail.

*Not offered in 1900–1901.

2. History of Education. Educational theories. *Open to juniors, seniors, and graduates. Three hours per week for a year.*

Associate Professor Carlisle.

This course aims to present a general view of the great movements in education; to trace the development of its institutions, and to select characteristic features of its accepted systems. Emphasis is placed on modern educational theories. The child-study movement is considered. Detailed studies are made of certain practices and problems of the American public schools of the present time.

NOTE.—Course 1 is recommended to students who are specializing in the departments of science, philosophy, mathematics, or art. Course 2 is designed primarily for students who are specializing in language, literature, or history.

It is expected that courses open to graduates only will be added.

XX. BIBLIOGRAPHY.

1. Bibliography. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Miss Godfrey.

This course aims to familiarize the student with the best bibliographical works and with library methods and catalogues, to teach the best methods of reaching the literature of a special subject, and to furnish important bibliographical lists likely to prove valuable in future study. It will prove especially helpful taken in connection with courses in English literature, philosophy, history, economics, and the history of art.

XXI. ELOCUTION.

1. Training of the Body and Voice. *Open to sophomores, juniors, and seniors; to freshmen by special permission. Two hours per week for a year.*

Miss Bennett.

Body; poise and bearing. Voice; correct method of breathing, etc. Reading, with special reference to a good use of the voice. Recitations.

2. Training of the Body and Voice. Expression. *Open to students who have completed course 1, or an equivalent course. Two hours per week for a year.*

Miss Bennett.

Voice culture; exercises for freedom of body; gesture; recitations from the best authors; reading at sight.

3. Reading of Shakespeare. *Open to students who have completed courses 1 or 2, or to those who have completed or are taking English Literature 9; to others at the discretion of the instructor. Two hours per week for a year.*

Miss Bennett.

Analysis of characters, reading, scenes selected for memorizing.

XXII. ART.

‡1. History of Architecture. From the earliest times to the year 1000 A. D. *Open to juniors and seniors, and to sophomores by permission of the instructor. Three hours per week for a year.*

Mr. Holt.

The aim of this course is to give a general view of the development of styles and a thorough understanding of their essential elements, both constructive and decorative, during the period studied.

First semester: a summary of Egyptian, Assyrian, and Persian architecture, and more extended consideration of the classic styles of Greece and Rome. Second semester: Early Christian, Syrian, and Byzantine architecture, with the various Mohammedan styles; also a summary of the development of Romanesque and Gothic.

2. Outline History of Greek Sculpture. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Mr. von Mach.

*‡3. History of Italian Painting through the Fifteenth Century. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Keyes.

5. Studio Practice. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Professor Brown, Mr. Woodbury.

Drawing, sketching, and water-color. No prerequisites.

5*a*. Studio Practice. *Open by permission of the instructor to students who are taking or have completed Art 5. One hour per week for a year.*

Professor Brown, Mr. Woodbury.

5*b*. Studio Practice. *Open by permission of the instructor to students who are taking or have completed Art 5a. One hour per week for a year.*

Professor Brown, Mr. Woodbury.

Conduct of these courses same as that of 5.

The studio courses count toward the degree after one course in the History of Art has been completed.

*6. Theory and Practice. *Open by permission of the instructor to students who have completed a course in Art. Three hours per week for a year.*

Professor Brown.

7. History of Greek Sculpture. Seminary. *Open to graduates and seniors, and by permission of the instructor to students who have completed Art 2. Three hours per week for a year.*

Mr. von Mach.

*Not offered in 1900–1901.

‡Courses 1 and 9, and 3 and 10 are alternate courses; they will not both be given the same year.

In this course one limited period of Greek sculpture will be carefully studied. Subject for 1900–1901: Greek Art in the Hellenistic Age, with special reference to art in Pergamon.

A part of the work will be carried on in the Museum of Fine Arts in Boston.

All must read in preparation "Handbook of Greek Sculpture," by Ernest A. Gardner.

8. History of Italian Painting. Seminary. *Open to students (to juniors by special permission) who have completed Art 3, and to others by permission of the instructor. Three hours per week for a year.*

Miss Keyes.

The aim of this course is to study a given epoch in detail, and to train students in independent work. The subject in 1900–1901 is Titian, his environment, technical methods, and relation to other artists. In preparation for this course an acquaintance with the outline of the history of Italian painting is required.

*‡9. History of Architecture from the year 1000 to the present time. *Open to juniors and seniors, and to sophomores by permission of the instructor. Three hours per week for a year.*

Mr. Holt.

‡10. History of Italian Painting during the Renaissance. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Keyes.

The aim of this course is to develop the appreciation of beauty, and to give knowledge of the principles of art found in the painters of the sixteenth century, Leonardo da Vinci, Michel Angelo, Tintoretto, Raphael, Titian, Veronese, and their followers.

11. An Outline Course in the History of Art. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Professor Brown.

This course furnishes an outline of the general development of styles in architecture, sculpture, and painting from earliest times up to the present. This course is complete in itself, but it may be taken in preparation for other courses. This course is not open to students who have taken or are taking two other courses in the Art Department.

Students in art courses are required to use laboratory methods, examining and comparing, sketching or describing the photographs used in illustration.

Previous preparation in drawing is not required, but it is desirable that all students who intend to take courses in Art should be prepared to present specimens of any drawing that they may have done.

The art library is open to students from 9 to 5.30 daily, and from 7 to 9 in the evening.

N. B. Any student who desires to give yearly the time of one full course to studio work throughout her college course may do so by spending five years in college before taking her degree instead of four.

*Not offered in 1900–1901.

‡Courses 1 and 9, and 3 and 10 are alternate courses; they will not both be given the same year.

XXIII. MUSIC.

I. Theory.

The following courses count toward the bachelor's degree. They may be elected by students not taking instrumental or vocal music, and are subject to no separate tuition fee.

1. Harmony. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Associate Professor Macdougall.

This course covers notation, the study of intervals and scales, the formation and interconnection of chords, modulation, non-harmonic tones, analysis of harmony in standard works. Exercises in harmonizing basses and melodies and in ear training.

6. Counterpoint. *Open to students who have completed course 1 (or its equivalent). Three hours per week for the first semester.*

Associate Professor Macdougall.

Counterpoint in two, three and four voices; double counterpoint; analysis of examples from standard works.

7. Musical Form. *Open to students who have completed course 6. Three hours per week for the second semester.*

Associate Professor Macdougall.

A study of the simple musical sentence and its development into the various forms of instrumental and vocal music; emphasis being laid on the larger forms (partita, suite, sonata, aria, mass, etc.); analysis of standard composition. Opportunity for original work will be given.

4. The development of the art of Music. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Associate Professor Macdougall.

A course in the appreciation of music, intended to develop musical perception and the ability of listening intelligently to music.

First semester: the evolution of rhythm, harmony and melody; their power and office in musical expression; the principal musical forms. Second semester: studies of the famous composers, their lives, their strongest works, their relation to the progress of musical art.

No previous knowledge of music is necessary.

II. Instrumental and Vocal Music.

Training in instrumental or vocal music does not count toward a degree; but any student who completes the prescribed courses in Pianoforte, Organ, or Voice, as described on the following page, will receive the certificate of the Department of Music. For terms see p. 19.

Candidates for the certificate of the Department of Music may devote all their time to music, except that which is given to three academic studies, including a course in Biblical History. Candidates for admission must meet

requirements 1, 2, 3, pp. 25 to 27, and must also present the maximum preparation in either Latin, Greek, French, or German. The time occupied in study for a certificate depends upon the proficiency of the pupil, but in general four years are needed.

Candidates for the B.A. degree may take a course in vocal or instrumental music in connection with their regular academic work, but in this case five years are required for the completion of the courses requisite to the degree.

Special students who do not wish to become candidates for the certificate may arrange for courses combining music with academic work, but it is expected that such students will take at least two lessons per week in either instrumental or vocal music. The requirements for admission are the same as those prescribed above for candidates for the music certificate.

Those who are suitably qualified may pursue musical studies exclusively, without being otherwise connected with the College. For such students special arrangements may be made.

Certificate of the Department of Music.

Any student in the College who completes any one of the following courses of study will receive the certificate of the Department of Music.

A. Pianoforte: two lessons a week, with periods of practice daily for six days each week.

Academic subjects: from six to eight hours a week throughout the course, including Musical Theory (Courses 1, 6, and 7), modern language, and Biblical History.

B. Organ: two lessons a week with daily practice, as in piano study. Academic subjects as in *A*.

C. Voice: two lessons a week with daily practice. Academic subjects as in *A*, but the modern languages pursued must include Italian, which should be taken as early as possible, that the student may have the benefit of the subject throughout the course.

Violin, Viola, Violoncello, Harp, or any orchestral instrument may be made a specialty instead of the above-mentioned principal studies.

☞ Students intending to apply for the certificate of the department of Music must give at least a year's notice.

Pianoforte.

Those who make pianoforte their specialty, and wish to obtain a certificate, should, upon entering, be familiar with correct phrasing, staccato and legato touch, the ordinary musical signs, *and their application;* should show technical proficiency, and should present the following work or its equivalent: Czerny, Op. 299, three books; Loeschhorn, Op. 66, three books; Bach, Preludes; and two or three sonatas by Haydn and Mozart.

The course will be adapted to the particular needs of the student, but will be so arranged that the student upon its completion shall have a fundamental knowledge of the best works in pianoforte literature: Bach, Händel, Mozart, Haydn, Beethoven, Schubert, Schumann, Weber, Mendelssohn, and Chopin, as well as the different schools of modern writers.

Attention will also be given to four-hand playing and, for those who are sufficiently advanced, to playing with other instruments.

Organ.

To obtain the certificate organ pupils must begin with a good knowledge of pianoforte technique.

The course includes the most important of the Bach works, the Preludes and Fugues and Sonatas of Mendelssohn, selections from Rheinberger, Merkel, Thiele and others of the modern German school; compositions by Guilmant, Saint-Saens, Widor, Gigout, Salome, and others of the French school; Smart, Turpin, Best, Lemare, Wolstenholme, Hollins and others of the English school; Buck, Whiting, Whitney, Foote, Parker and others of the American school.

Constant reference will be made to the use of the organ in church.

NEEDS OF THE COLLEGE.

Wellesley College, established by private benevolence, entered upon its work with a costly material equipment, but with no endowment in money. It is to-day practically dependent upon its board and tuition fees for running expenses and for repairs; it has almost no other resources with which to make the additions to apparatus and to buildings that are demanded by the constant advance and expansion of its academic work.

The original munificent outlay has been amply justified by results. From Wellesley have been graduated over eighteen hundred young women, who have carried the fruits of their college training into the schools and households of their country, and into benevolent and Christian work at home and abroad. It is believed that the College has reached a position from which it can with full confidence appeal for aid to the public at large.

Among the urgent needs of the College are the following:—

1. Unrestricted funds for defraying general expenses.
2. A library building.
3. An additional laboratory building.
4. A gymnasium building.
5. The endowment of the presidency and professorships.

Forms of Bequest.

I give and bequeath to Wellesley College, a corporation established by law, in the town of Wellesley, county of Norfolk, and Commonwealth of Massachusetts, the sum of ——— dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think will be most useful.

I give and bequeath to Wellesley College, a corporation established by law, in the town of Wellesley, county of Norfolk, and Commonwealth of Massachusetts, the sum of ——— dollars, to be safely invested by it, and called the ——— Scholarship Fund. The interest of this fund shall be applied to aid deserving students in Wellesley College.

I give and bequeath to Wellesley College, a corporation established by law in the town of Wellesley, county of Norfolk, and Commonwealth of Massachusetts, the sum of ——— dollars, to be safely invested by it, and called the ——— Endowment Fund. The interest shall be applied to the payment of the salaries of teachers in Wellesley College, as the Trustees shall deem expedient.

Summary of Students, September, 1900.

Resident candidates for the M.A degree		23
Candidates for the B.A. degree :—		
Seniors	116	
Juniors	151	
Sophomores	159	
Freshmen	258	
		684
Non-candidates for degrees		9
Total registration, September, 1900		716

United States :—			
Massachusetts	212	California	8
New York	88	Nebraska	5
Pennsylvania	66	South Dakota	5
New Jersey	42	Oregon	4
Connecticut	42	Maryland	4
Illinois	35	Texas	3
Ohio	32	Kansas	3
Maine	24	Louisiana	3
New Hampshire	17	Tennessee	3
Iowa	13	Delaware	2
Colorado	13	North Carolina	2
Minnesota	10	Wyoming	1
Missouri	10	Virginia	1
Rhode Island	10	Georgia	1
Vermont	9	Montana	1
Michigan	9	Mississippi	1
Kentucky	9	Canada	1
Wisconsin	8	Hawaiian Islands	1
District of Columbia	8	Turkey	2
Indiana	8		
			716

Degrees Conferred in 1900.

MASTER OF ARTS.

Bertha Frances Arnold (Knox, '94) . . . . . Galesburg, Ill.
English Literature.
Thesis: The Woman of the Renaissance.

Mary Bozeman (De Pauw University, '98) . . . . . Poseyville, Ind.
Applied Mathematics, Physics.

Elizabeth Hallock Hazeltine (Vassar, '97) . . . . . Jamestown, N. Y.
German, English, Pedagogy.
Thesis: The Correlation of German and English in Secondary Instruction.

Frances C. Lance (Wellesley, '92) . . . . . Wilkesbarre, Pa.
English Language and Literature.
Thesis: The Political Satire of Swift and Carlyle.

Georgina Moody (Dalhousie, '99) . . . . . Halifax, Nova Scotia.
Pure and Applied Mathematics, Physics.

Louise Pope (Wellesley, '92) . . . . . Cleveland, O.
Art, Archæology, Italian.

Harriet Sophira Sawyer (Boston University, '93) . . . . . Auburndale, Mass.
Art, Greek Mythology.

Annie Kimball Tuell (Wellesley, '96) . . . . . Milton, Mass.
English Literature, Greek.
Thesis: The Relation Between Tragedy and Comedy.

Laura Jameson Yeater (Wellesley, 1900) . . . . . Sedalia, Mo.
Greek, Comparative Philology.
Thesis: The Messenger Element in Shakespeare and in Greek Tragedy.

BACHELOR OF ARTS.

Corinne Afton Abercrombie, Huntsville, Tex.
Jeannie Scott Adams, Philadelphia, Pa.
Martha Mabelle Ames, Boston, Mass.
Katharine Millicent Anderson, Buffalo, N. Y.
Mary Stevens Ayres, Brooklyn, N. Y.
Florence Ethel Bailey, Billerica, Mass.
Katharine Frances Ball, Plainfield, N. J.
Mary Smith Barbour, West Newton, Mass.
Wilhelmine Kiameche Bayless, Evanston, Ill.
Ida May Bean, Oldtown, Me.
Jennie Fitch Beers, Newtown, Conn.
Mabel Chase Berry, East Derry, N. H.
Mathilde von Beyersdorff, Wellesley, Mass.
Ethel Bowman, Somerville, Mass.
Helen Katharine Brainerd, St. Albans, Vt.
Evelyn Mary Buck, Bucksport, Me.
Marjorie Burbank, Plympton, Mass.
Grace Lina Burtt, Andover, Mass.
Margaret Frances Byington, New York, N. Y.
Jessie Cameron, Providence, R. I.
Alice Elizabeth Chase, West Philadelphia, Pa.
Carolyn Louise Chase, Derry, N. H.
Emma Florence Colby, Natick, Mass.
Margaret Howe Colman, Arlington, Mass.
Mary Imogene Cook, Montclair, N. J.
Ellen Brown Cramton, Rutland, Vt.
Alice Prentiss Cromack, Malden, Mass.
Harriet Frances Crosby, Milford, N. H.
Anna Foster Cross, Nashua, N. H.
Chloe Curtis, Brookfield Centre, Conn.
May Olmstead Davenport, Bridgeport, Conn.
Lilian Dixon, Philadelphia, Pa.
Marjorie Flemmings Dutch, Winchester, Mass.
Lelia Sophia Eaton, Natick, Mass.
Mildred Sutherland Elliot, Grafton, Mass.
Agnes Edmund Fairlie, Jacksonville, Fla.

Edna Bigelow Foote, Evanston, Ill.
Gertrude Blair Gage, Monson, Mass.
Elizabeth Florence Gallagher, Montclair, N. J.
Emma Lena Geyer, Dayton, O.
Mary Geraldine Gordon, Cincinnati, O.
Euretta Gordon Grosvenor, Abington, Conn.
Oriana Phillips Hall, Cambridge, Mass.
Rena Maud Hall, Brattleboro, Vt.
Florence Halsey, North Paterson, N. J.
Florence Burton Hamilton, Roxbury, Mass.
Carrie May Harbach, Des Moines, Ia.
Alice Elizabeth Harding, Sholapur, India.
Alice Isabel Hazeltine, Jamestown, N. Y.
Marjorie Belle Hemingway, Holyoke, Mass.
Charlotte Bronte Herr, Oak Park, Ill.
Nancy Hewitt, Hiawatha, Kan.
Mary Alden Hopkins, Bangor, Me.
Elizabeth Norris Hume, New Haven, Conn.
Hannah Hume, New Haven, Conn.
Abby Otis Hunt, Braintree, Mass.
Susan Dickinson Huntington, Norwich, Ct.
Susie Cary Johnson, Auburndale, Mass.
Alice May Keepers, Newark, N. J.
Florence King, Tfumansburg, N. Y.
Alice Dana Knox, Englewood, N. J.
Julia Edith Lance, Wilkesbarre, Pa.
Agnes Swinton Langhorne, Plainfield, N. J.
Edith Blanche Lehman, Cleveland, O.
Mary Ethel Lentell, Newton Highlands, Mass.
Nellie Adelaide Lewis, Catskill, N. Y.
Anna Mary Lister, Galveston, Tex.
Caroline Marion Locke, Saxton's River, Vt.
Florence Estelle Loop, Pittsfield, Mass.
Elizabeth Sherwood Lum, Elizabeth, N. J.
Jeanette Augustus Marks, Westport on Lake Champlain, N. Y.
Dora Evangeline Marshall, Allegheny, Pa.
Edna Sarah Mason, Newton Centre, Mass.
Ella Sylvina Mason, Newton Centre, Mass.
Inez Louise Mathews, Marquette, Mich.
Hilda Meisenbach, St. Louis, Mo.
Ida Frances Merriam, Sharon, Mass.
Maud Metcalf, West Roxbury, Mass.
Grace Metcalf Miller, Le Roy, N. Y.
Alice Lizzie Millett, Beverly, Mass.
Edith Harriet Moore, Newton, Mass.
Florence Almera Moore, Talcottville, Conn.
Lucy Van Name Morris, Buffalo, N. Y.
Carolyn Louise Morse, Medford, Mass.
Eliza Jacobus Newkirk, Wyncote, Pa.
Edith Janet Norcross, Worcester, Mass.
Florence Ethel Noyes, Somerville, Mass.
Mary Ripley Oliphant, Denver, Colo.
Edith Augusta Pell, Newark, N. J.
Mabelle Charlton Phillips, Plainfield, N. J.
Louise Norris Pierce, Oldtown, Me.
Lucy Anabel Plympton, Wellesley Hills, Mass.
Nina Foster Poor, Belfast, Me.
Anna Isabella Pope, Spencer, Mass.
Rachel Cooper Reeve, Camden, N. J.
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